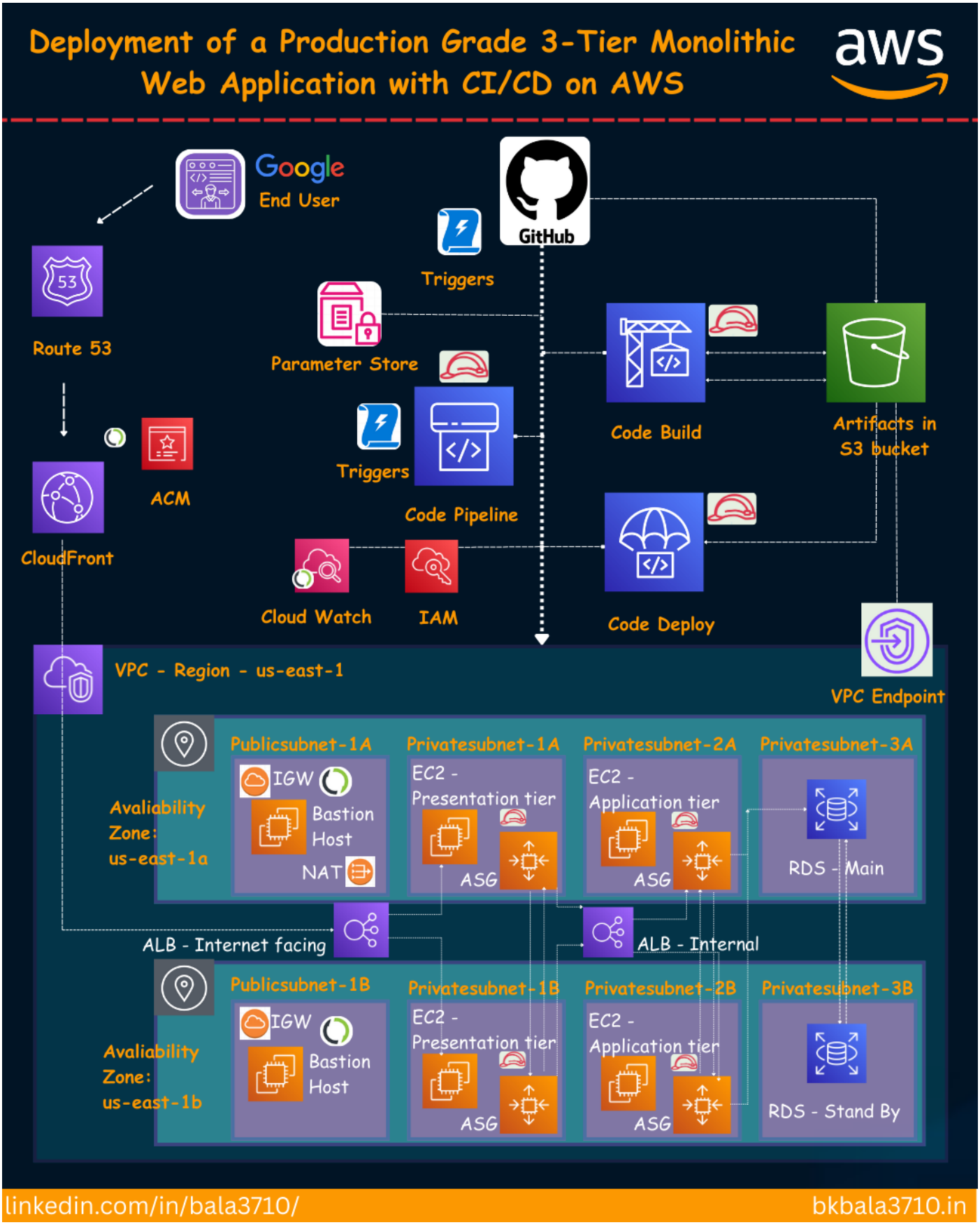
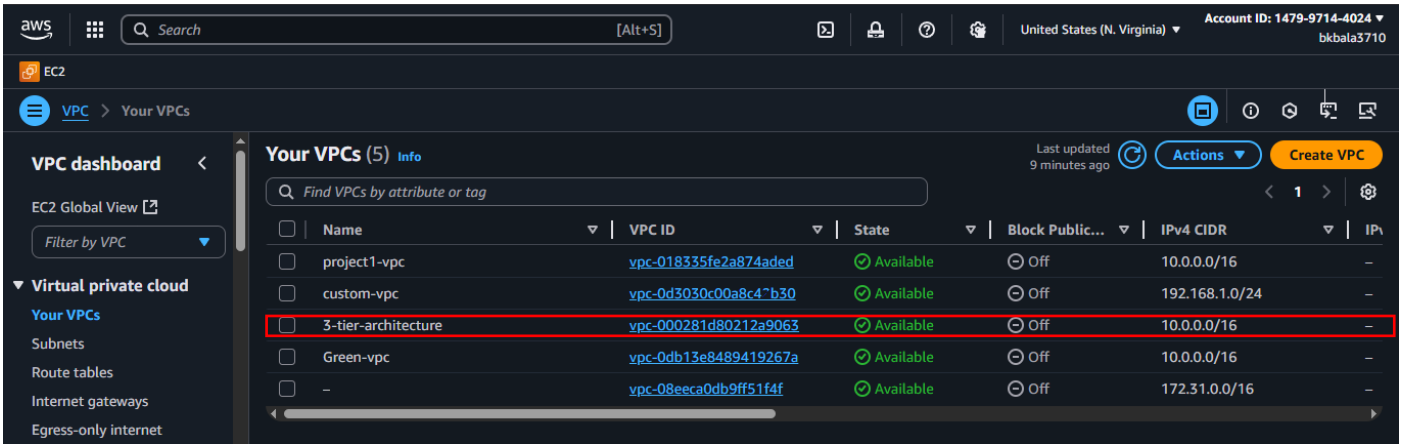
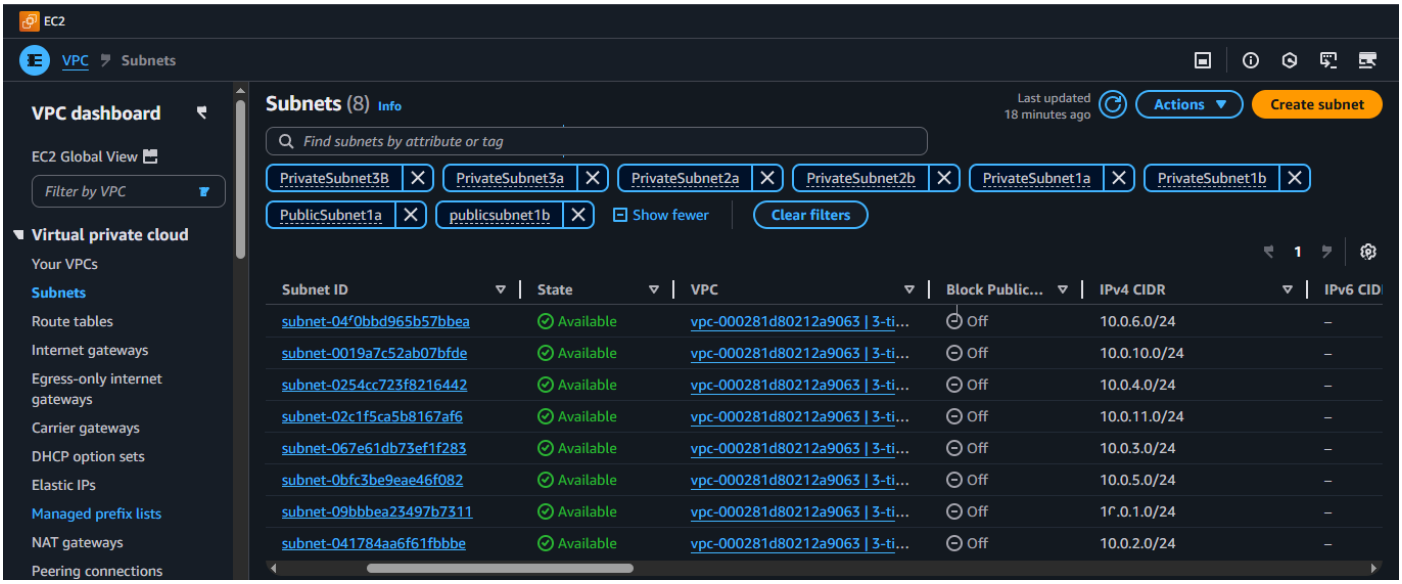

Deployment of a Production Grade 3-Tier Monolithic Web Application with CI/CD on AWS
aws
Google
End User
GitHub
Triggers
Route 53
Parameter Store
Code Build
Artifacts in S3 bucket
Triggers
ACM
Code Pipeline
CloudFront
Cloud Watch
IAM
Code Deploy
VPC - Region - us-east-1
VPC Endpoint
Publicsubnet-1A
Privatesubnet-1A
Privatesubnet-2A
Privatesubnet-3A
Avaliability Zone: us-east-1a
IGW
Bastion Host
NAT
EC2 - Presentation tier
EC2 - Application tier
ASG
RDS - Main
ALB - Internet facing
ALB - Internal
Publicsubnet-1B
Privatesubnet-1B
Privatesubnet-2B
Privatesubnet-3B
Avaliability Zone: us-east-1b
RDS - Stand By
linkedin.com/in/bala3710/
bkbala3710.in

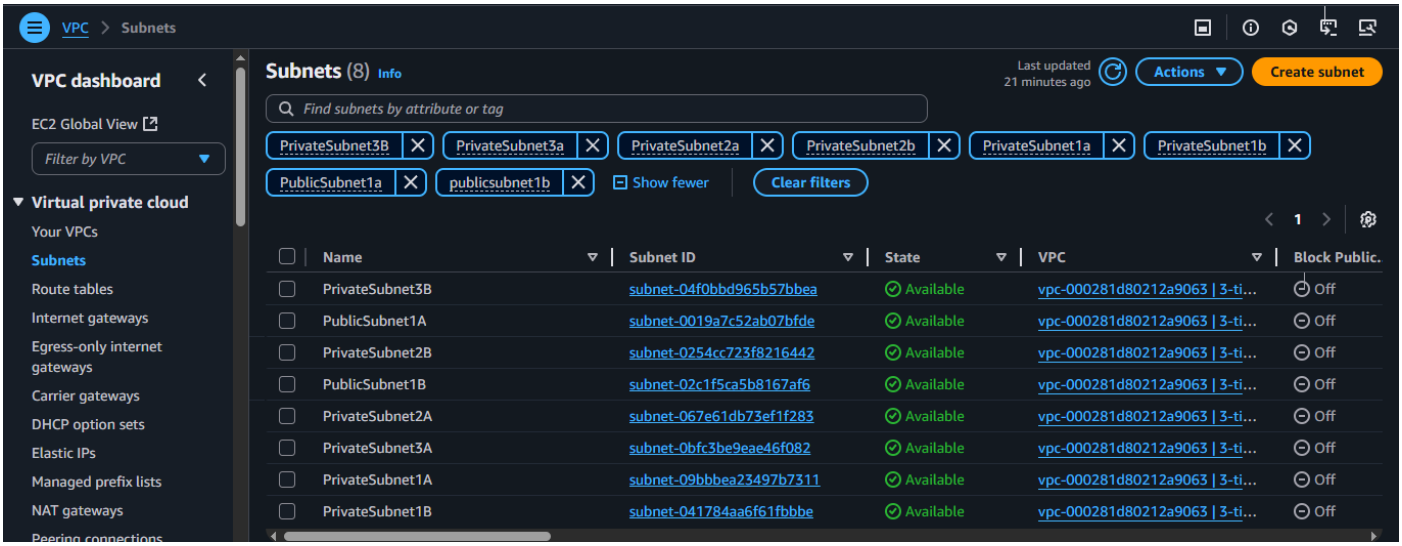
VPC



Enable DNS hostnames in VPC Settings → instance needs to communicate using public or private DNS names instead of just IP addresses.

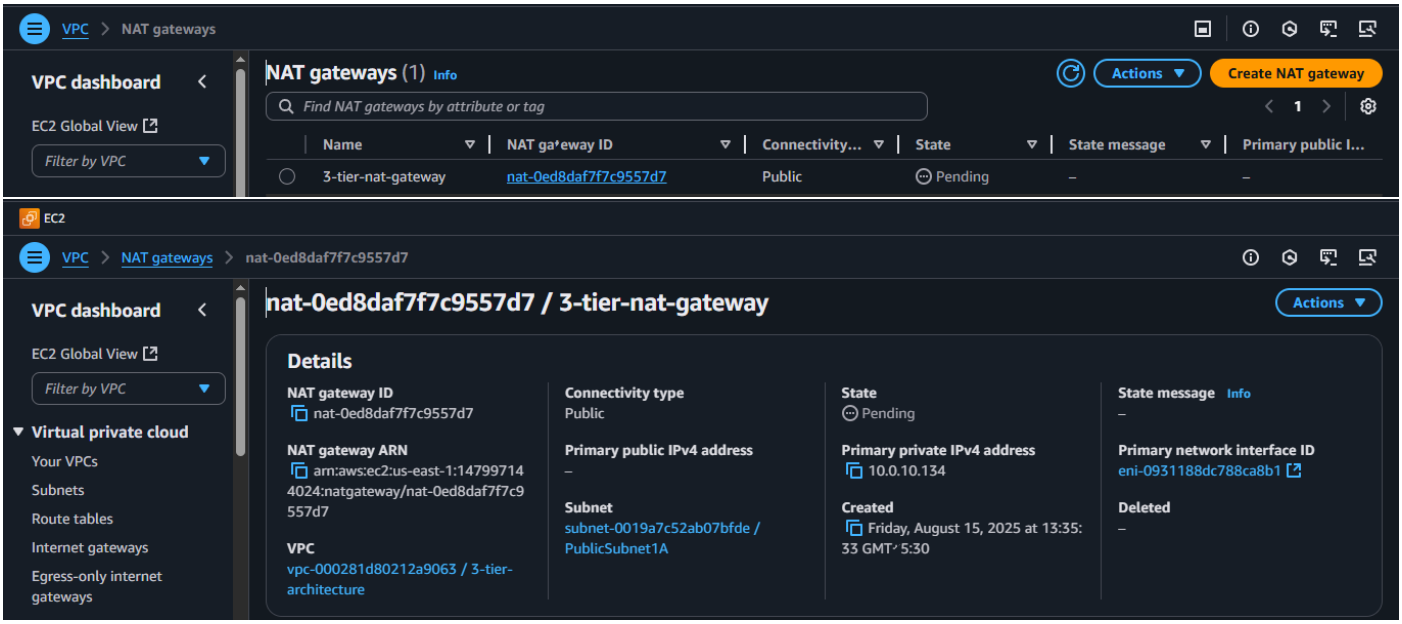
1Public + 1Private(Front-end) + 1Private(Back-end) + 1Private(Database) → Availaility zone 1
1Public + 1Private(Front-end) + 1Private(Back-end) + 1Private(Database) → Availaility zone 2





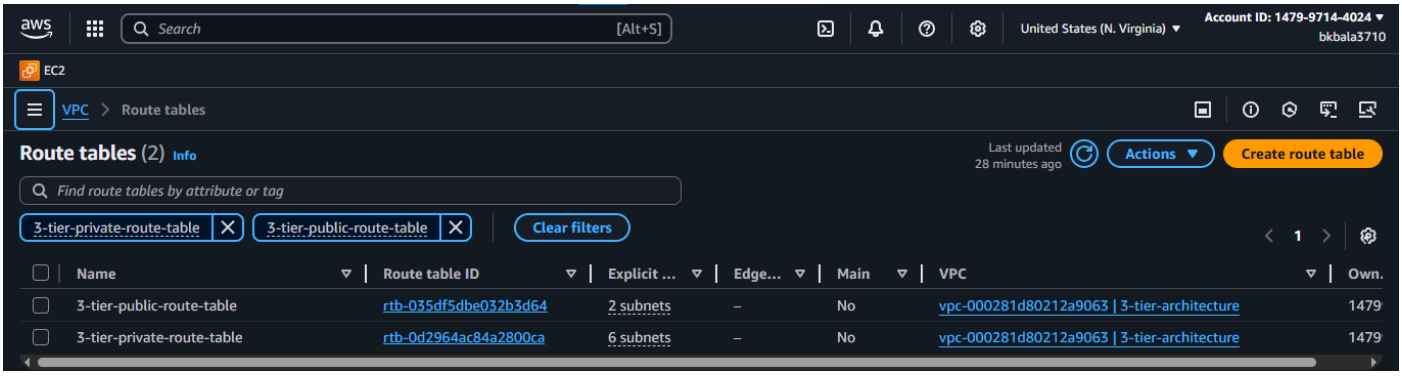
IGW

NAT in PublicSubnet1A

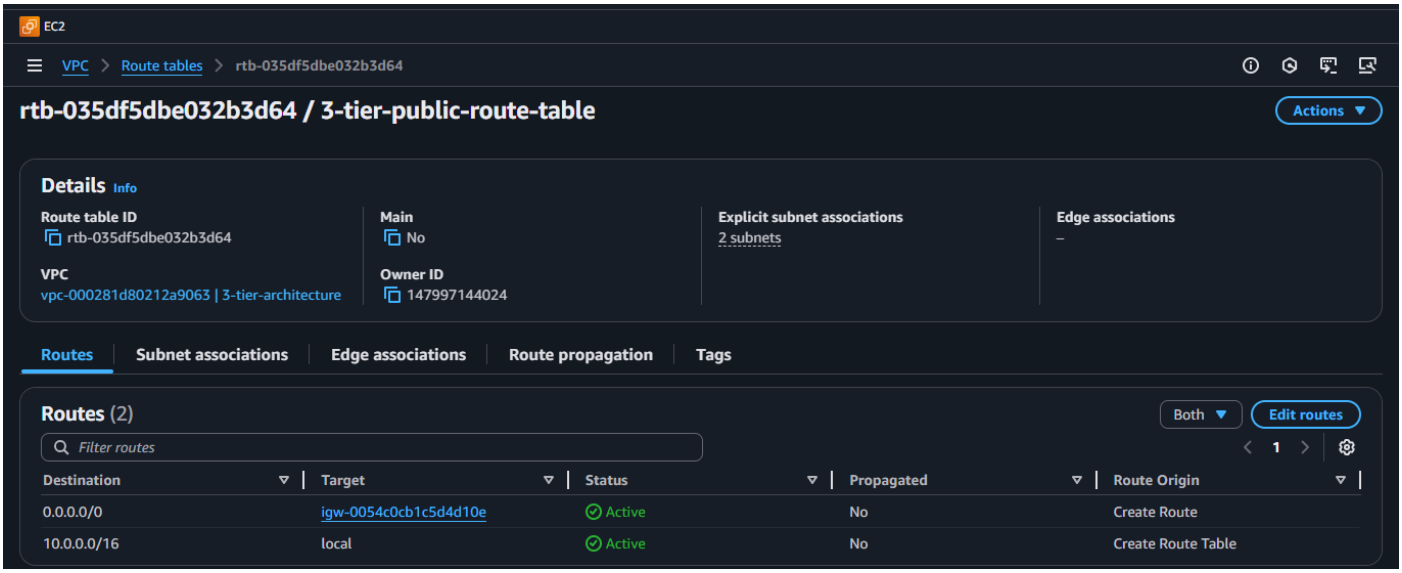


Route Table
2 Public Subnets

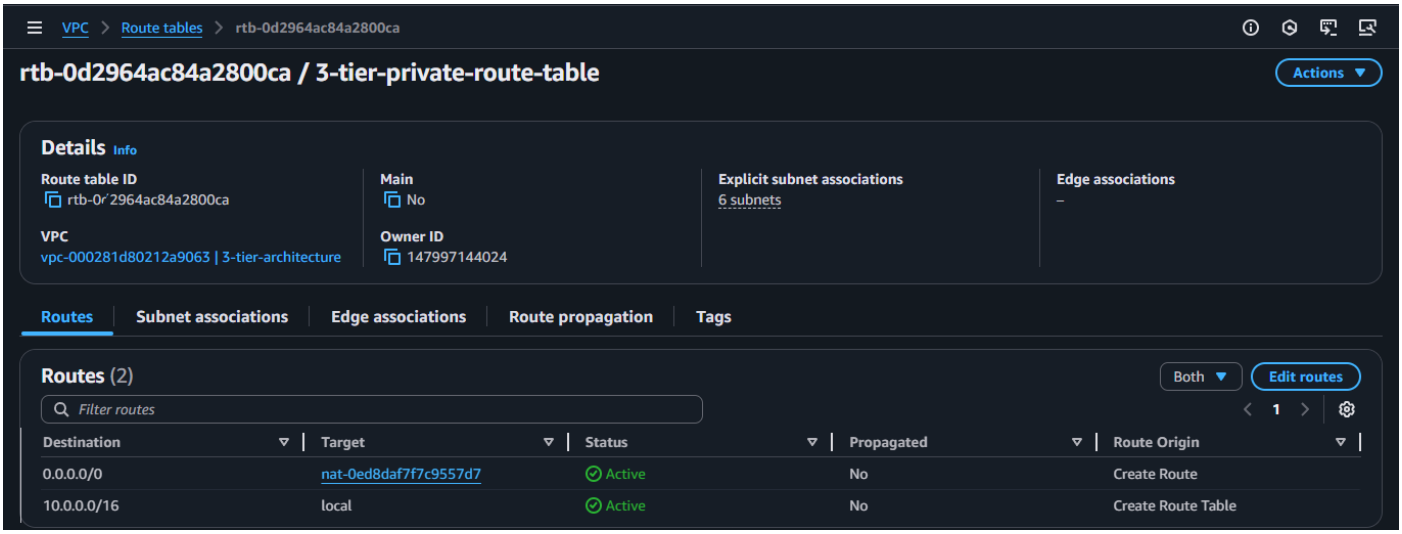
6 Private Subnets



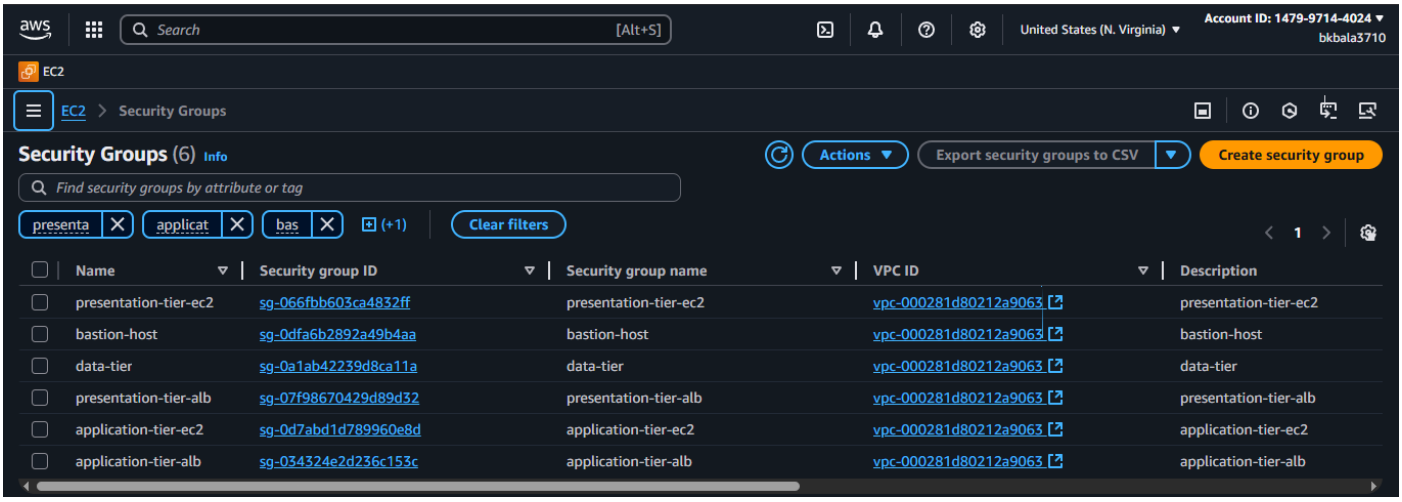
Public route table map towards IGW

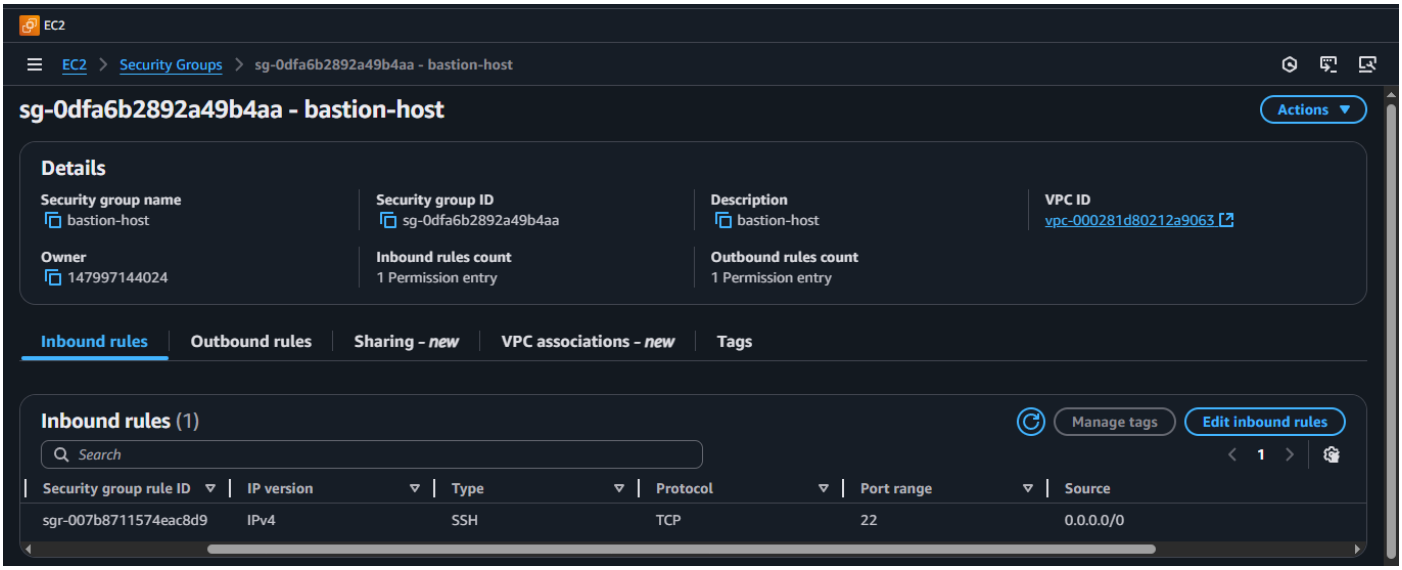


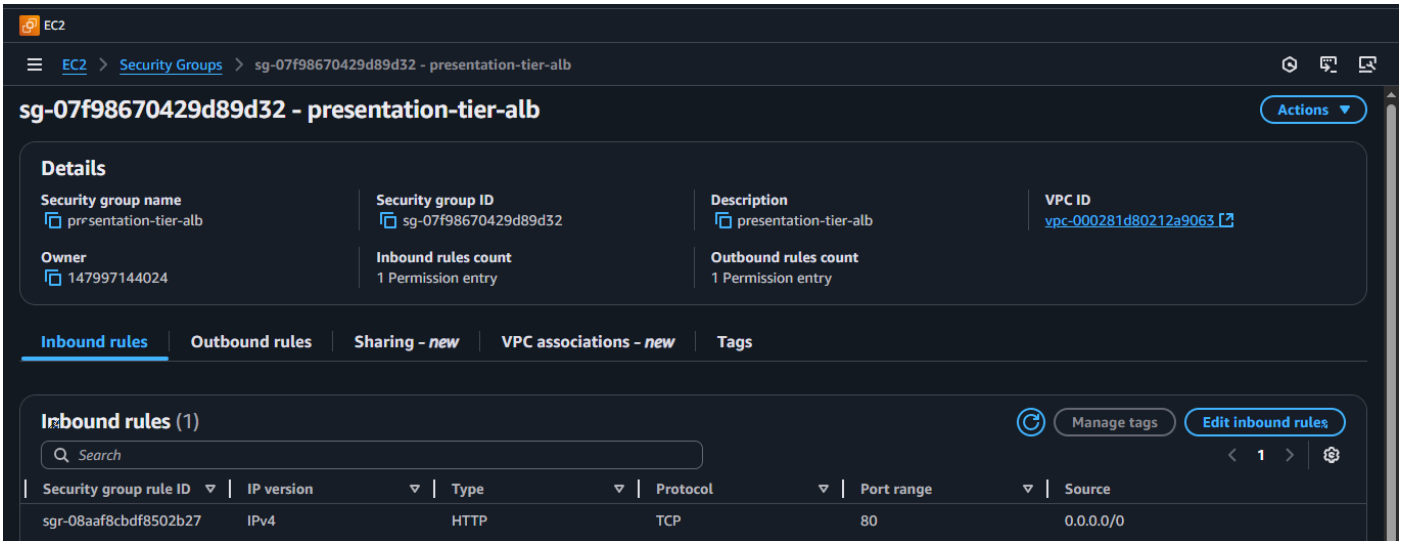
Private route table map towards NAT

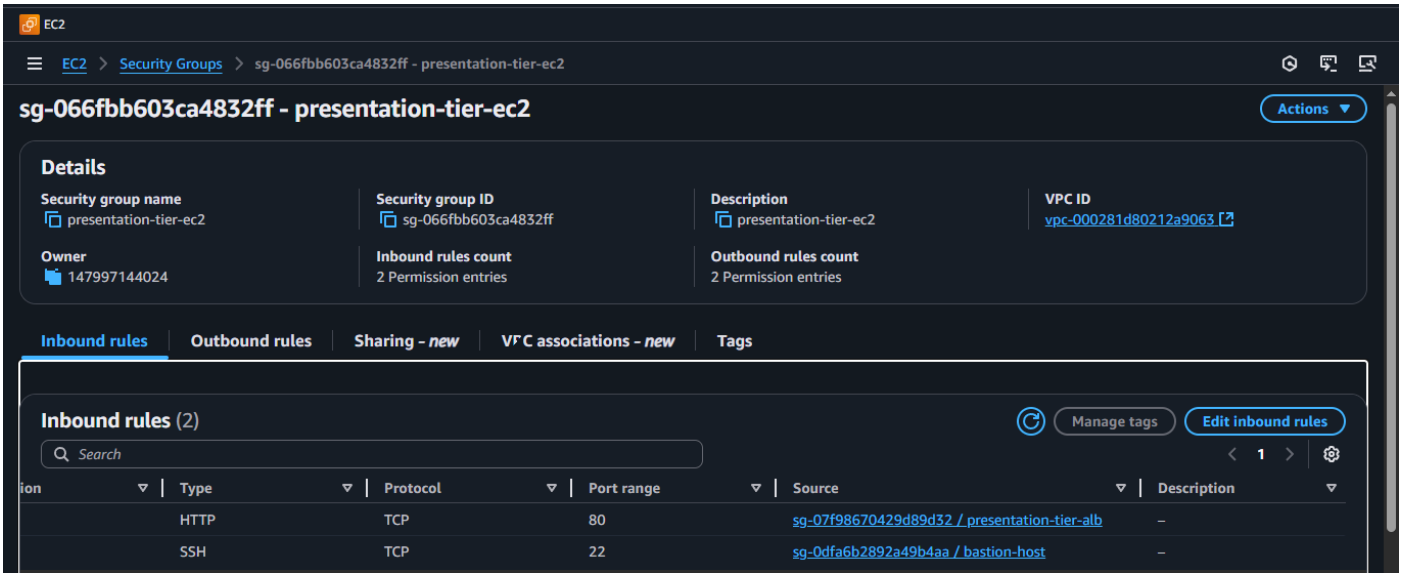


SGs

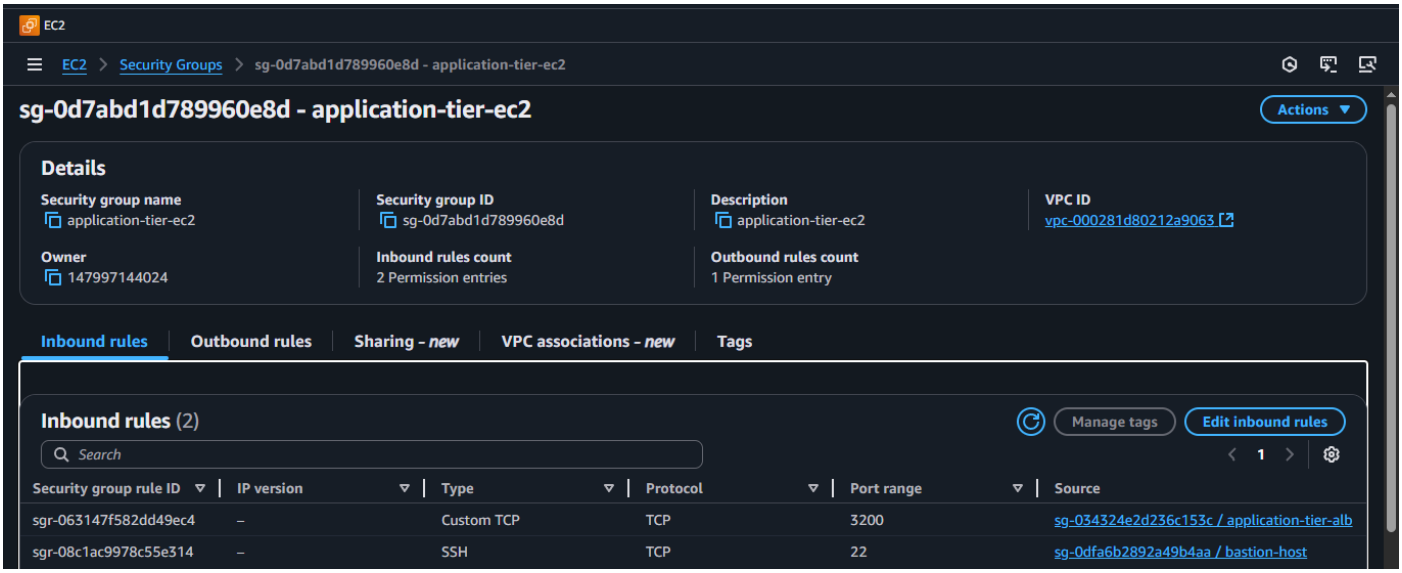

aws
Search
[Alt+S]
United States (N. Virginia)
Account ID: 1479-9714-4024
bkbala3710
EC2
EC2 > Security Groups
Security Groups (6) Info
Actions
Export security groups to CSV
Create security group
Find security groups by attribute or tag
presenta
applicat
bas
(+1)
Clear filters
Name | Security group ID | Security group name | VPC ID | Description
presentation-tier-ec2 | sg-066fbb603ca4832ff | presentation-tier-ec2 | vpc-000281d80212a9063 | presentation-tier-ec2
bastion-host | sg-0dfa6b2892a49b4aa | bastion-host | vpc-000281d80212a9063 | bastion-host
data-tier | sg-0a1ab42239d8ca11a | data-tier | vpc-000281d80212a9063 | data-tier
presentation-tier-alb | sg-07f98670429d89d32 | presentation-tier-alb | vpc-000281d80212a9063 | presentation-tier-alb
application-tier-ec2 | sg-0d7abd1d789960e8d | application-tier-ec2 | vpc-000281d80212a9063 | application-tier-ec2
application-tier-alb | sg-034324e2d236c153c | application-tier-alb | vpc-000281d80212a9063 | application-tier-alb

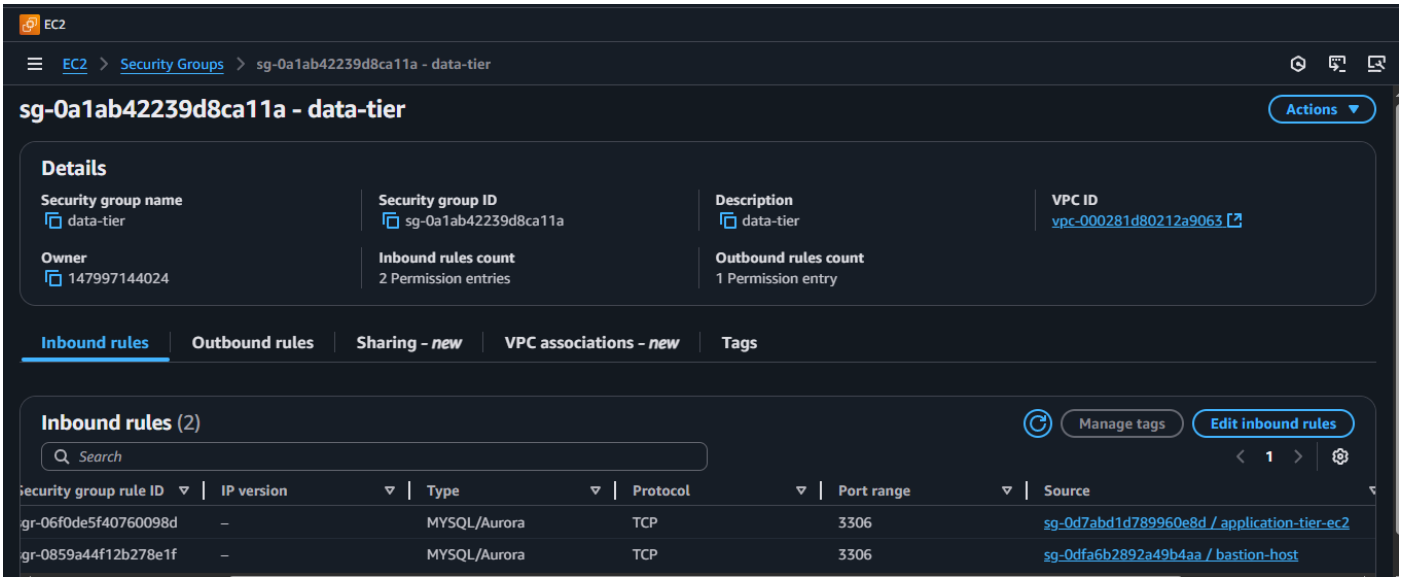

EC2
EC2 > Security Groups > sg-0dfa6b2892a49b4aa - bastion-host
sg-0dfa6b2892a49b4aa - bastion-host
Actions
Details
Security group name
bastion-host
Security group ID
sg-0dfa6b2892a49b4aa
Description
bastion-host
VPC ID
vpc-000281d80212a9063
Owner
147997144024
Inbound rules count
1 Permission entry
Outbound rules count
1 Permission entry
Inbound rules
Outbound rules
Sharing - new
VPC associations - new
Tags
Inbound rules (1)
Manage tags
Edit inbound rules
Search
Security group rule ID | IP version | Type | Protocol | Port range | Source
sgr-007b8711574eac8d9 | IPv4 | SSH | TCP | 22 | 0.0.0.0/0


EC2
EC2 > Security Groups > sg-07f98670429d89d32 - presentation-tier-alb
sg-07f98670429d89d32 - presentation-tier-alb
Actions
Details
Security group name
presentation-tier-alb
Security group ID
sg-07f98670429d89d32
Description
presentation-tier-alb
VPC ID
vpc-000281d80212a9063
Owner
147997144024
Inbound rules count
1 Permission entry
Outbound rules count
1 Permission entry
Inbound rules
Outbound rules
Sharing - new
VPC associations - new
Tags
Inbound rules (1)
Manage tags
Edit inbound rules
Search
Security group rule ID | IP version | Type | Protocol | Port range | Source
sgr-08aaf8cbdf8502b27 | IPv4 | HTTP | TCP | 80 | 0.0.0.0/0

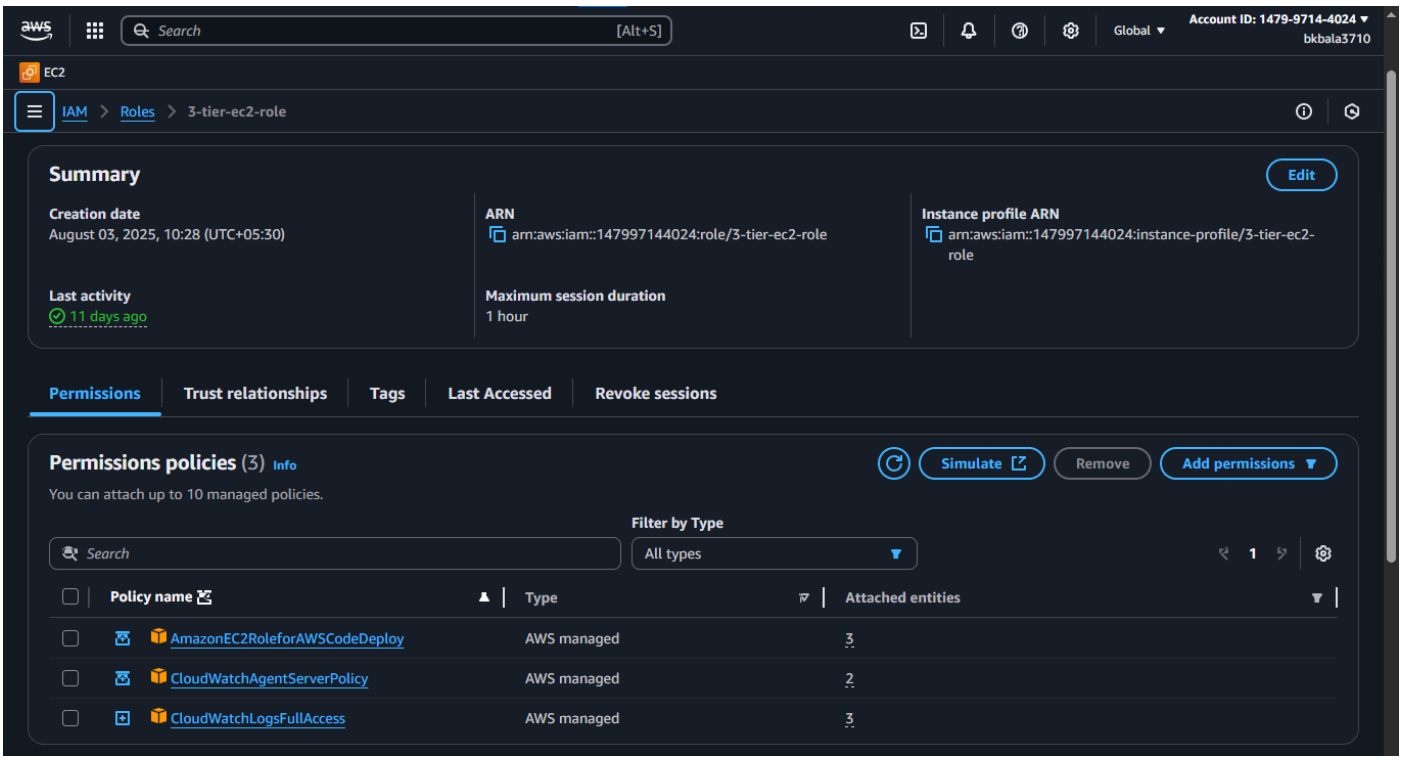

EC2
EC2 > Security Groups > sg-066fbb603ca4832ff - presentation-tier-ec2
sg-066fbb603ca4832ff - presentation-tier-ec2
Actions
Details
Security group name
presentation-tier-ec2
Security group ID
sg-066fbb603ca4832ff
Description
presentation-tier-ec2
VPC ID
vpc-000281d80212a9063
Owner
147997144024
Inbound rules count
2 Permission entries
Outbound rules count
2 Permission entries
Inbound rules
Outbound rules
Sharing - new
VPC associations - new
Tags
Inbound rules (2)
Manage tags
Edit inbound rules
Search
Type
Protocol
Port range
Source
Description
HTTP
TCP
80
sg-07f98670429d89d32 / presentation-tier-alb
SSH
TCP
22
sg-0dfa6b2892a49b4aa / bastion-host

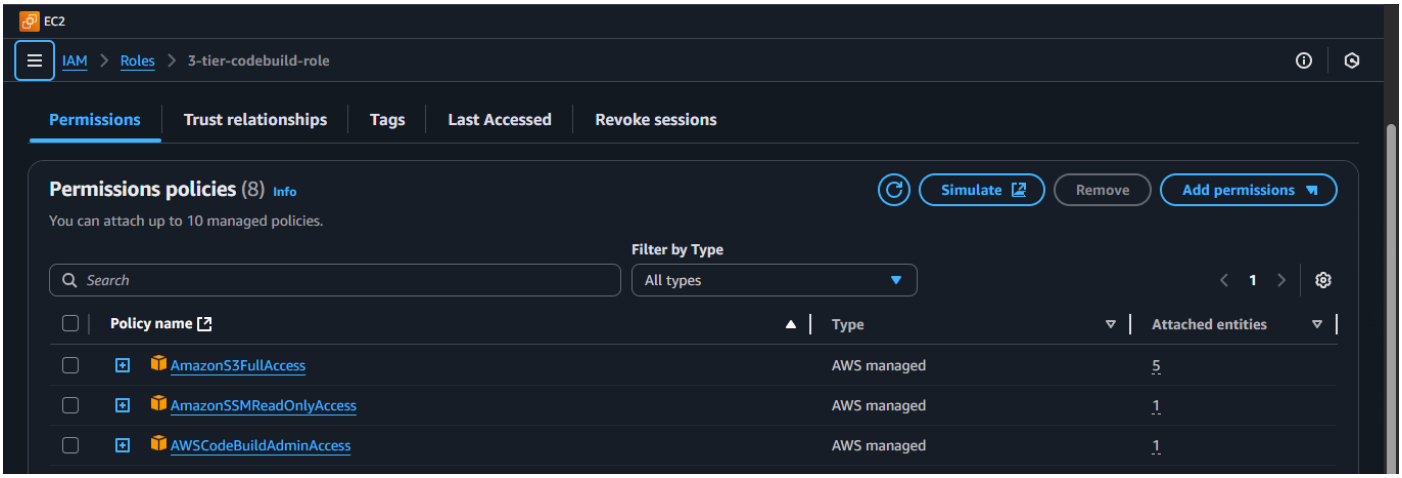
EC2
EC2 > Security Groups > sg-034324e2d236c153c - application-tier-alb
sg-034324e2d236c153c - application-tier-alb
Actions
Details
Security group name
application-tier-alb
Security group ID
sg-034324e2d236c153c
Description
application-tier-alb
VPC ID
vpc-000281d80212a9063
Owner
147997144024
Inbound rules count
1 Permission entry
Outbound rules count
1 Permission entry
Inbound rules
Outbound rules
Sharing - new
VPC associations - new
Tags
Inbound rules (1)
Manage tags
Edit inbound rules
Search
IP version
Type
Protocol
Port range
Source
Description
HTTP
TCP
80
sg-066fbb603ca4832ff / presentation-tier-ec2

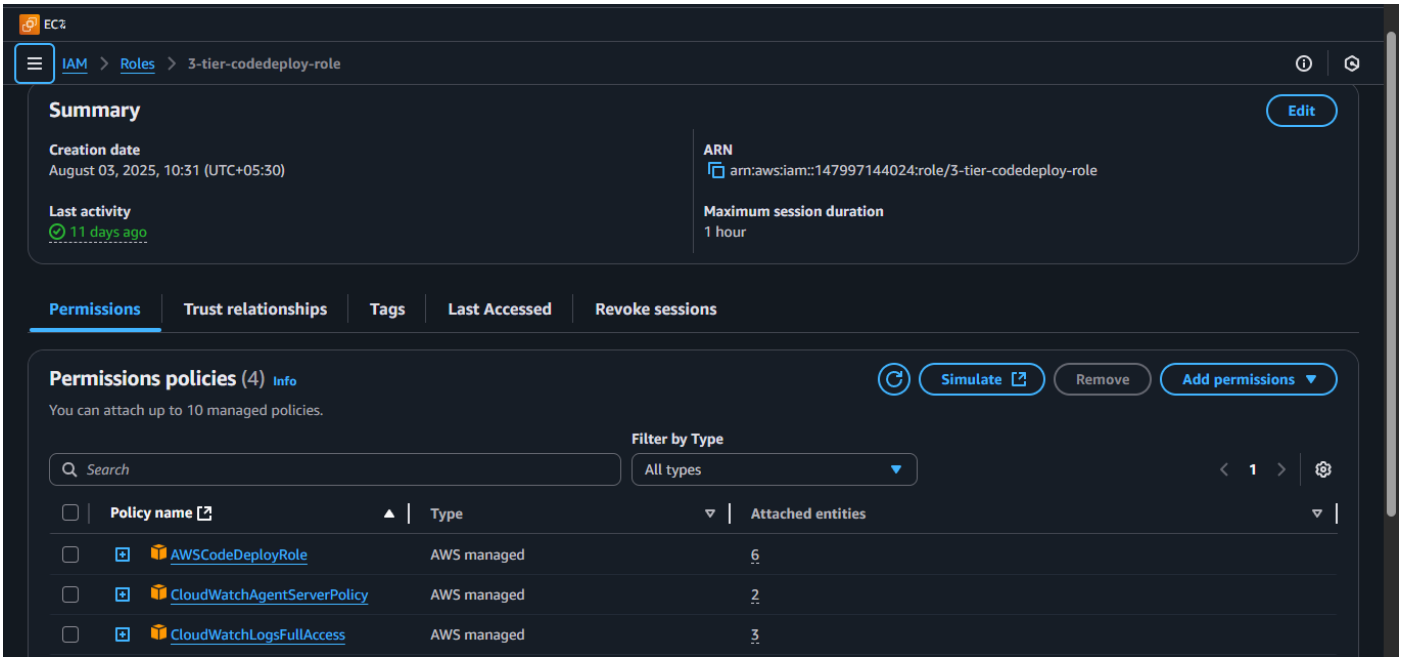

EC2
EC2 > Security Groups > sg-0d7abd1d789960e8d - application-tier-ec2
sg-0d7abd1d789960e8d - application-tier-ec2
Actions
Details
Security group name
application-tier-ec2
Security group ID
sg-0d7abd1d789960e8d
Description
application-tier-ec2
VPC ID
vpc-000281d80212a9063
Owner
147997144024
Inbound rules count
2 Permission entries
Outbound rules count
1 Permission entry
Inbound rules
Outbound rules
Sharing - new
VPC associations - new
Tags
Inbound rules (2)
Manage tags
Edit inbound rules
Search
Security group rule ID
IP version
Type
Protocol
Port range
Source
sgr-063147f582dd49ec4
Custom TCP
TCP
3200
sg-034324e2d236c153c / application-tier-alb
sgr-08c1ac9978c55e314
SSH
TCP
22
sg-0dfa6b2892a49b4aa / bastion-host


EC2
EC2 > Security Groups > sg-0a1ab42239d8ca11a - data-tier
sg-0a1ab42239d8ca11a - data-tier
Actions
Details
Security group name
data-tier
Security group ID
sg-0a1ab42239d8ca11a
Description
data-tier
VPC ID
vpc-000281d80212a9063
Owner
147997144024
Inbound rules count
2 Permission entries
Outbound rules count
1 Permission entry
Inbound rules
Outbound rules
Sharing - new
VPC associations - new
Tags
Inbound rules (2)
Manage tags
Edit inbound rules
Search
Security group rule ID
IP version
Type
Protocol
Port range
Source
gr-06f0de5f40760098d
–
MYSQL/Aurora
TCP
3306
sg-0d7abd1d789960e8d / application-tier-ec2
gr-0859a44f12b278e1f
–
MYSQL/Aurora
TCP
3306
sg-0dfa6b2892a49b4aa / bastion-host

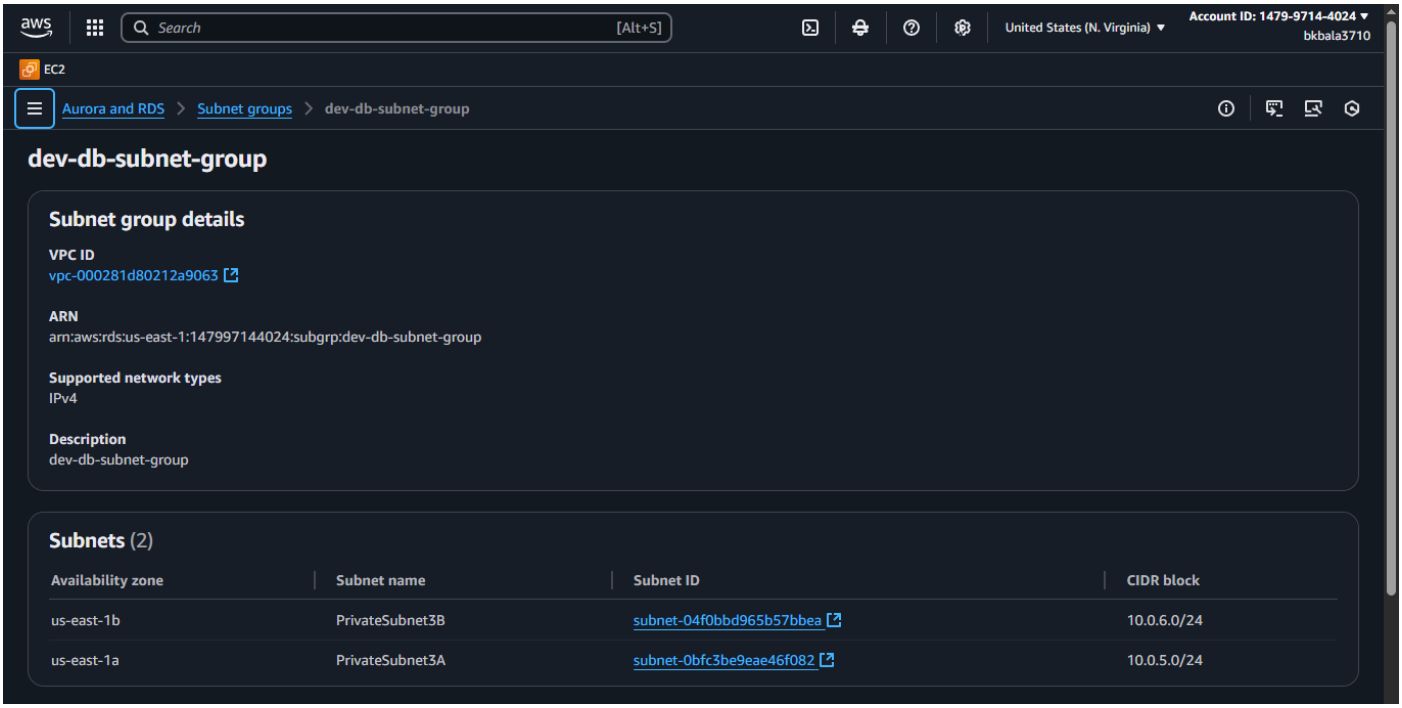
IAM


Search
[Alt+S]
Global
Account ID: 1479-9714-4024
bkbala3710
EC2
IAM > Roles > 3-tier-ec2-role
Summary
Edit
Creation date
August 03, 2025, 10:28 (UTC+05:30)
ARN
arn:aws:iam::147997144024:role/3-tier-ec2-role
Instance profile ARN
arn:aws:iam::147997144024:instance-profile/3-tier-ec2-role
Last activity
11 days ago
Maximum session duration
1 hour
Permissions
Trust relationships
Tags
Last Accessed
Revoke sessions
Permissions policies (3) Info
You can attach up to 10 managed policies.
Simulate
Remove
Add permissions
Filter by Type
Search
All types
Policy name
Type
Attached entities
AmazonEC2RoleforAWSCodeDeploy
AWS managed
3
CloudWatchAgentServerPolicy
AWS managed
2
CloudWatchLogsFullAccess
AWS managed
3

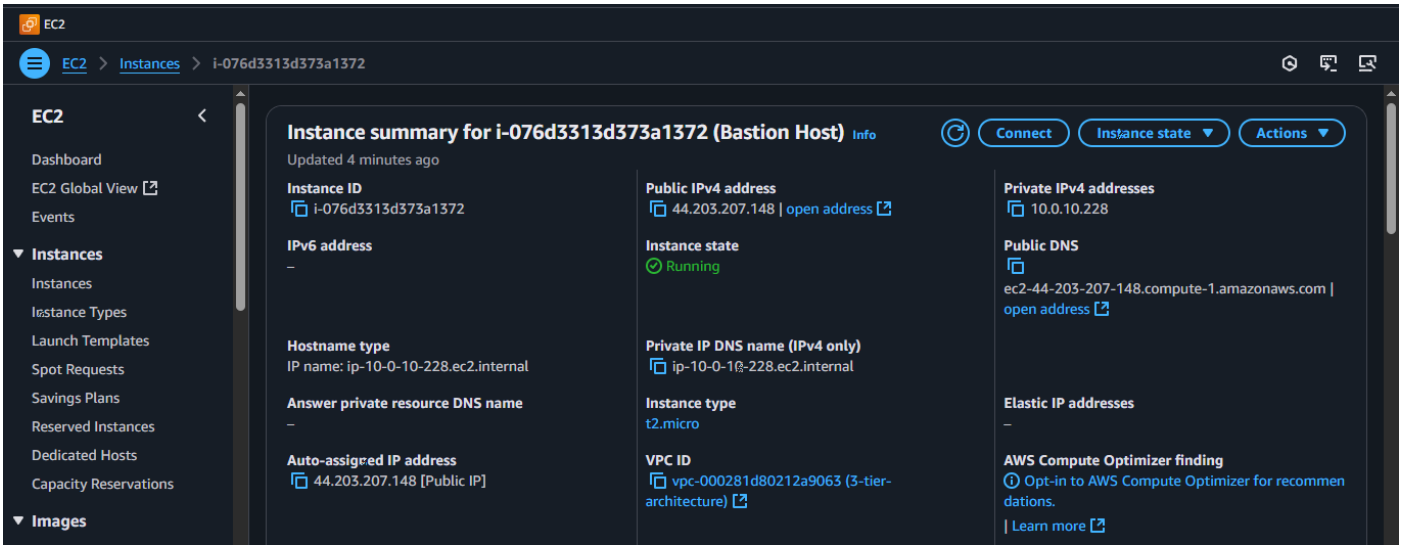

EC2
IAM > Roles > 3-tier-codebuild-role
Permissions
Trust relationships
Tags
Last Accessed
Revoke sessions
Permissions policies (8) Info
You can attach up to 10 managed policies.
Simulate
Remove
Add permissions
Filter by Type
Search
All types
Policy name
Type
Attached entities
AmazonS3FullAccess
AWS managed
5
AmazonSSMReadOnlyAccess
AWS managed
1
AWSCodeBuildAdminAccess
AWS managed
1


EC2
IAM > Roles > 3-tier-codedeploy-role
Summary
Edit
Creation date
August 03, 2025, 10:31 (UTC+05:30)
ARN
arn:aws:iam::147997144024:role/3-tier-codedeploy-role
Last activity
11 days ago
Maximum session duration
1 hour
Permissions
Trust relationships
Tags
Last Accessed
Revoke sessions
Permissions policies (4) Info
You can attach up to 10 managed policies.
Simulate
Remove
Add permissions
Filter by Type
Search
All types
Policy name
Type
Attached entities
AWSCodeDeployRole
AWS managed
6
CloudWatchAgentServerPolicy
AWS managed
2
CloudWatchLogsFullAccess
AWS managed
3

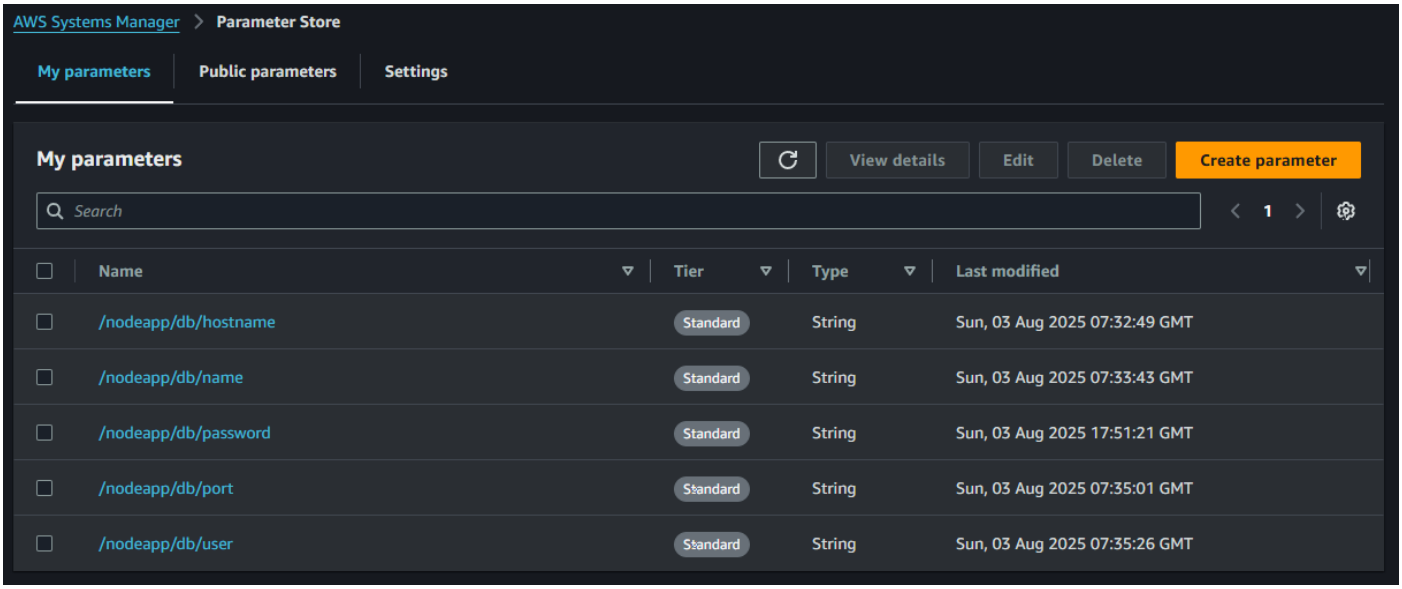
RDS



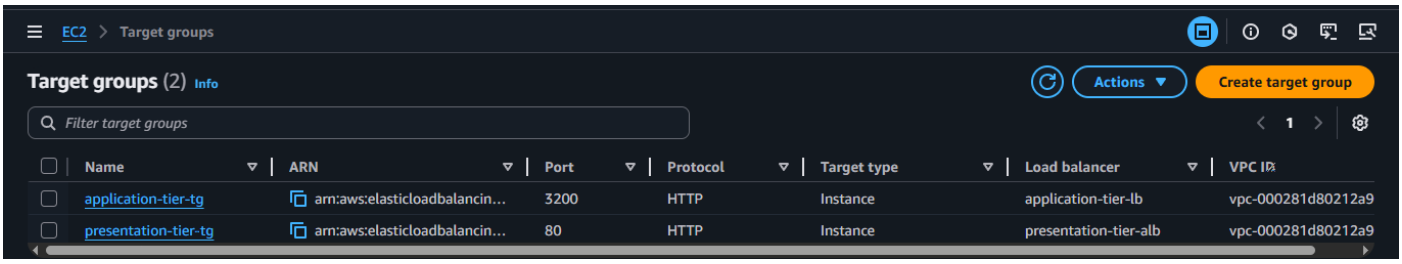
Launch Bastion Host – EC2 Amazon Linux 2023 – Connect

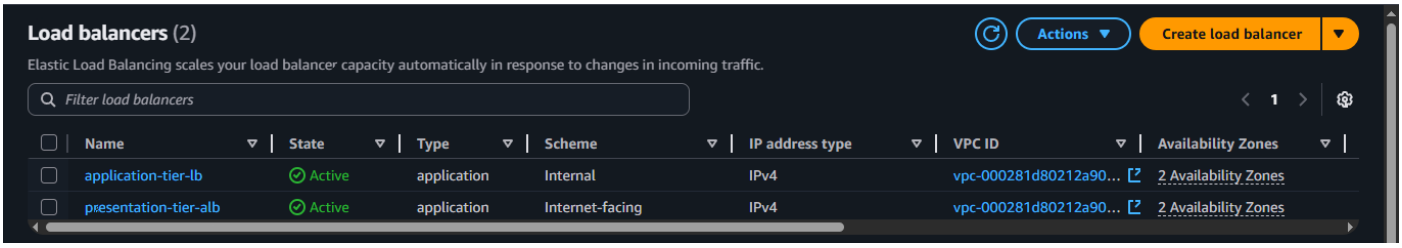


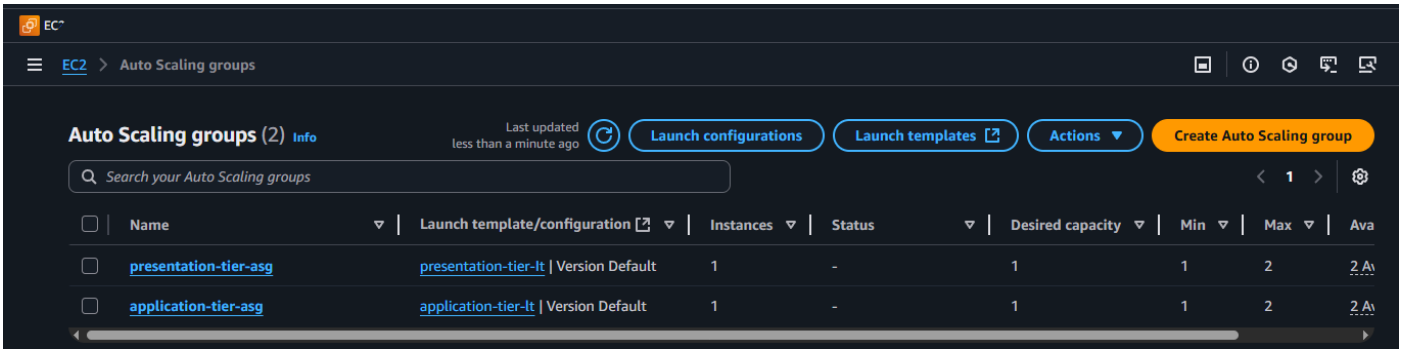
Connect to DB and configure the tables and data.

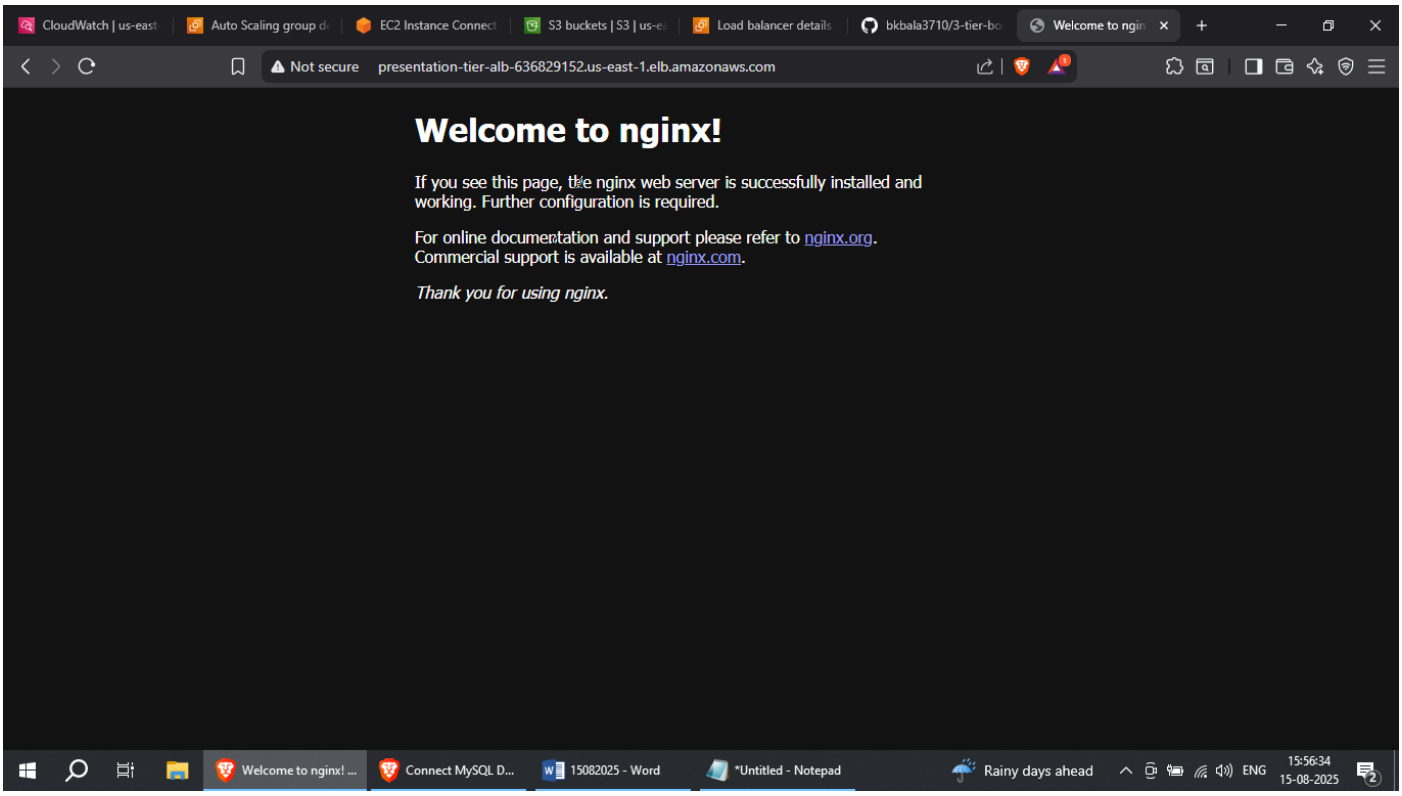


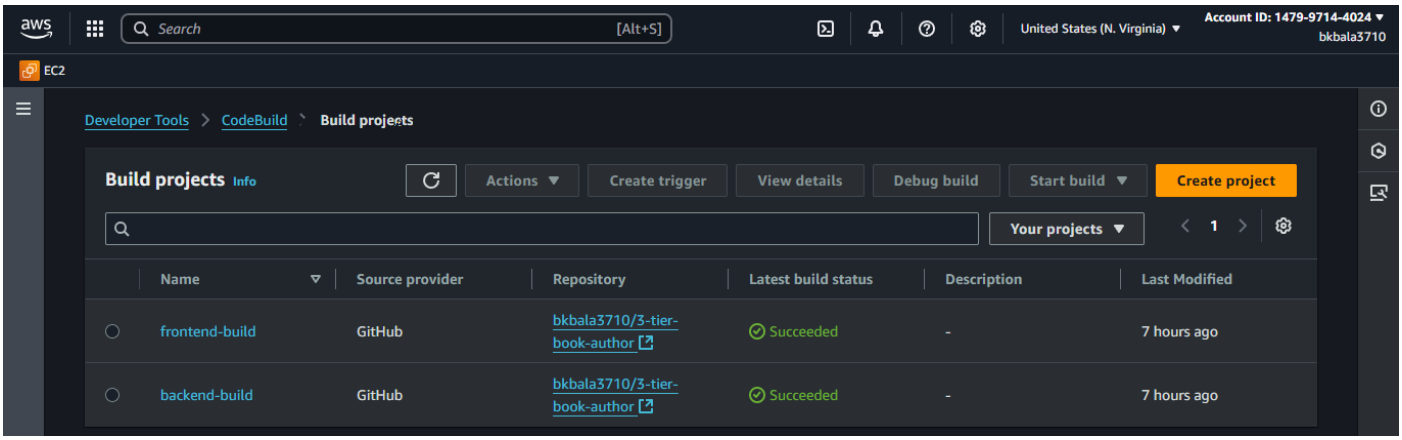
Application Tier & Presentation Tier

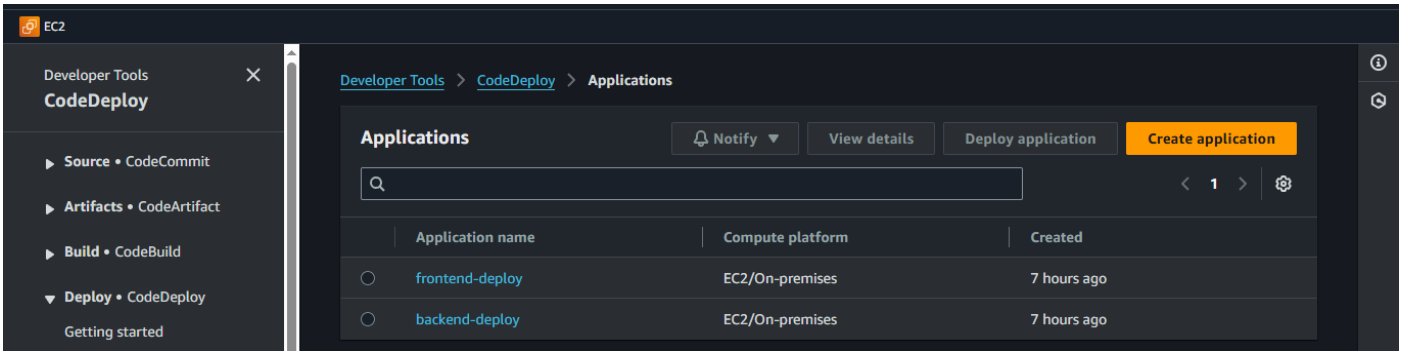


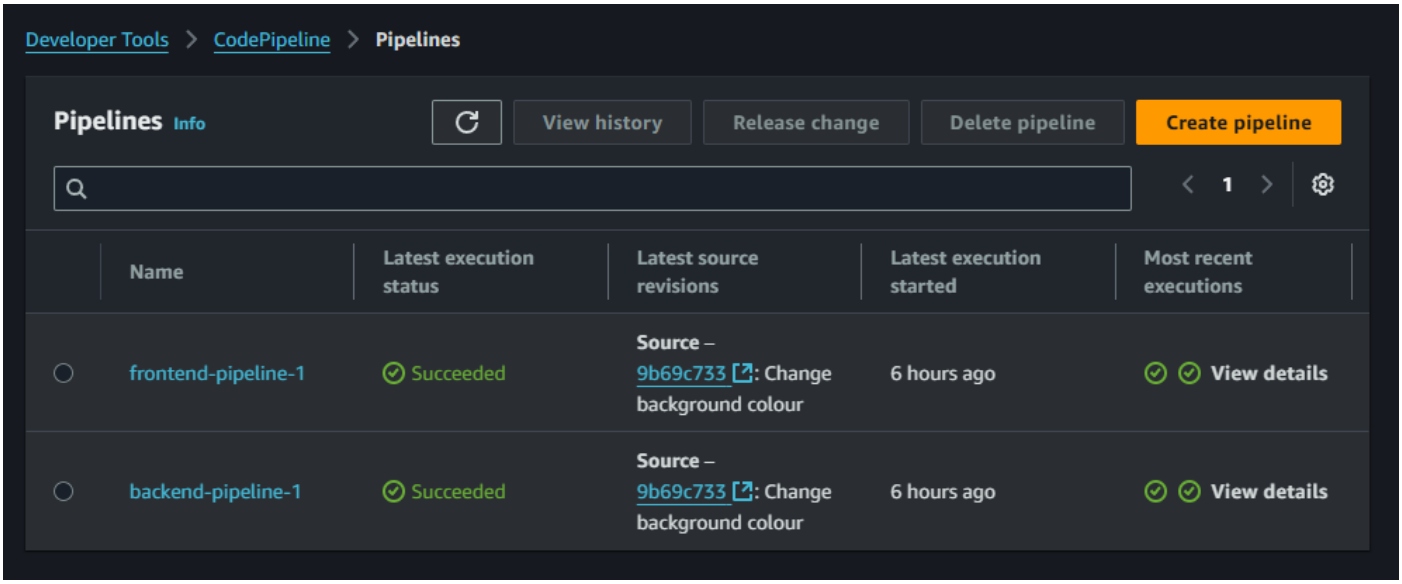


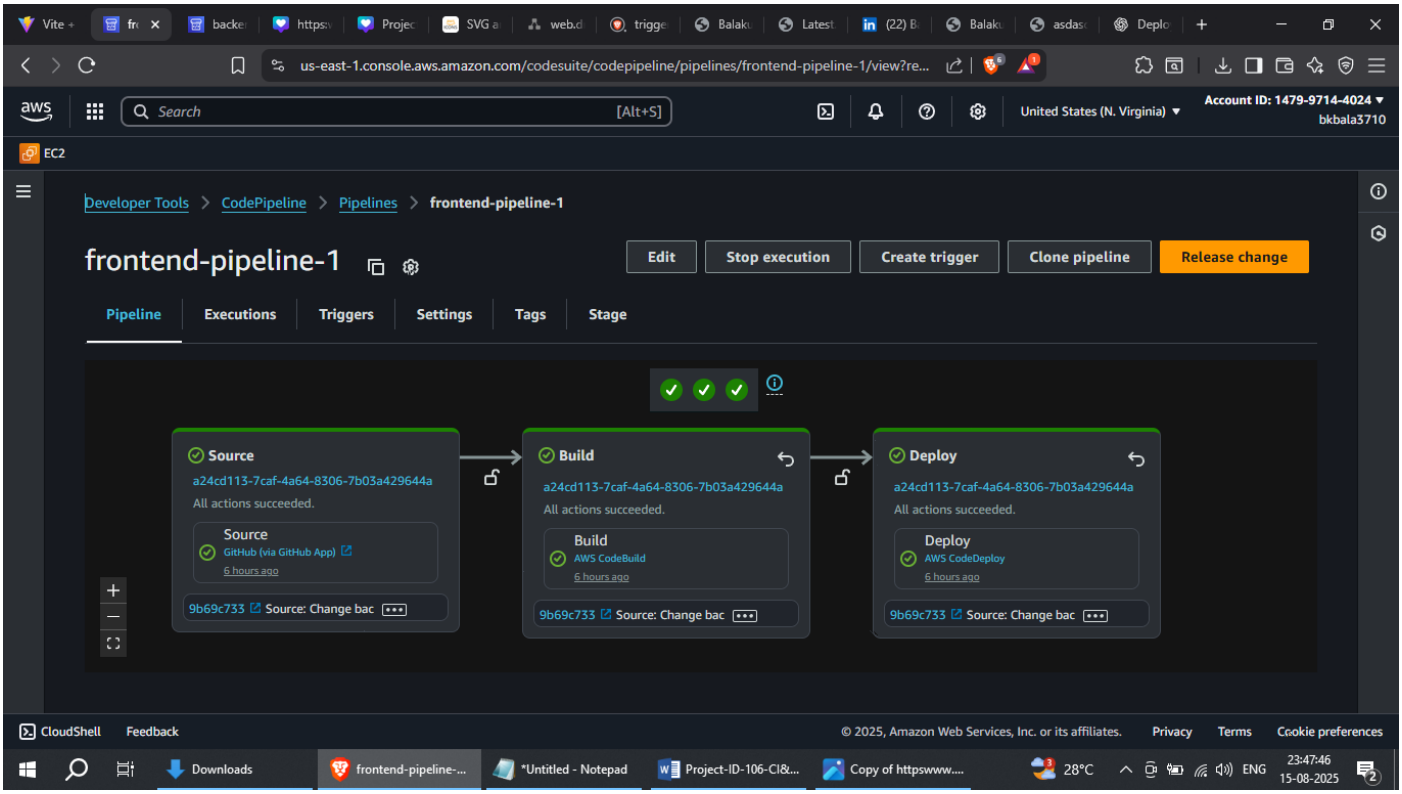

EC2 > Auto Scaling groups
Auto Scaling groups (2) Info
Last updated less than a minute ago
Launch configurations
Launch templates
Actions
Create Auto Scaling group
Search your Auto Scaling groups
Name
Launch template/configuration
Instances
Status
Desired capacity
Min
Max
presentation-tier-asg
presentation-tier-lt | Version Default
application-tier-asg
application-tier-lt | Version Default


Not secure
presentation-tier-alb-636829152.us-east-1.elb.amazonaws.com
Welcome to nginx!
If you see this page, the nginx web server is successfully installed and working. Further configuration is required.
For online documentation and support please refer to nginx.org.
Commercial support is available at nginx.com.
Thank you for using nginx.


Developer Tools > CodeBuild > Build projects
Build projects Info
Actions
Create trigger
View details
Debug build
Start build
Create project
Your projects
Name
Source provider
Repository
Latest build status
Description
Last Modified
frontend-build
GitHub
bkbala3710/3-tier-book-author
Succeeded
7 hours ago
backend-build
GitHub
bkbala3710/3-tier-book-author
Succeeded
7 hours ago


EC2
Developer Tools
CodeDeploy
Source • CodeCommit
Artifacts • CodeArtifact
Build • CodeBuild
Deploy • CodeDeploy
Getting started
Developer Tools > CodeDeploy > Applications
Applications
Notify
View details
Deploy application
Create application
Application name
Compute platform
Created
frontend-deploy
EC2/On-premises
7 hours ago
backend-deploy
EC2/On-premises
7 hours ago


Developer Tools > CodePipeline > Pipelines
Pipelines Info
View history
Release change
Delete pipeline
Create pipeline
Name
Latest execution status
Latest source revisions
Latest execution started
Most recent executions
frontend-pipeline-1
Succeeded
Source – 9b69c733: Change background colour
6 hours ago
View details
backend-pipeline-1
Succeeded
Source – 9b69c733: Change background colour
6 hours ago
View details


us-east-1.console.aws.amazon.com/codesuite/codepipeline/pipelines/frontend-pipeline-1/view?re...
United States (N. Virginia)
Account ID: 1479-9714-4024
bkbala3710
EC2
Developer Tools > CodePipeline > Pipelines > frontend-pipeline-1
frontend-pipeline-1
Edit
Stop execution
Create trigger
Clone pipeline
Release change
Pipeline
Executions
Triggers
Settings
Tags
Stage
Source
a24cd113-7caf-4a64-8306-7b03a429644a
All actions succeeded.
Source
GitHub (via GitHub App)
6 hours ago
9b69c733 Source: Change bac
Build
a24cd113-7caf-4a64-8306-7b03a429644a
All actions succeeded.
Build
AWS CodeBuild
6 hours ago
9b69c733 Source: Change bac
Deploy
a24cd113-7caf-4a64-8306-7b03a429644a
All actions succeeded.
Deploy
AWS CodeDeploy
6 hours ago
9b69c733 Source: Change bac
CloudShell
Feedback
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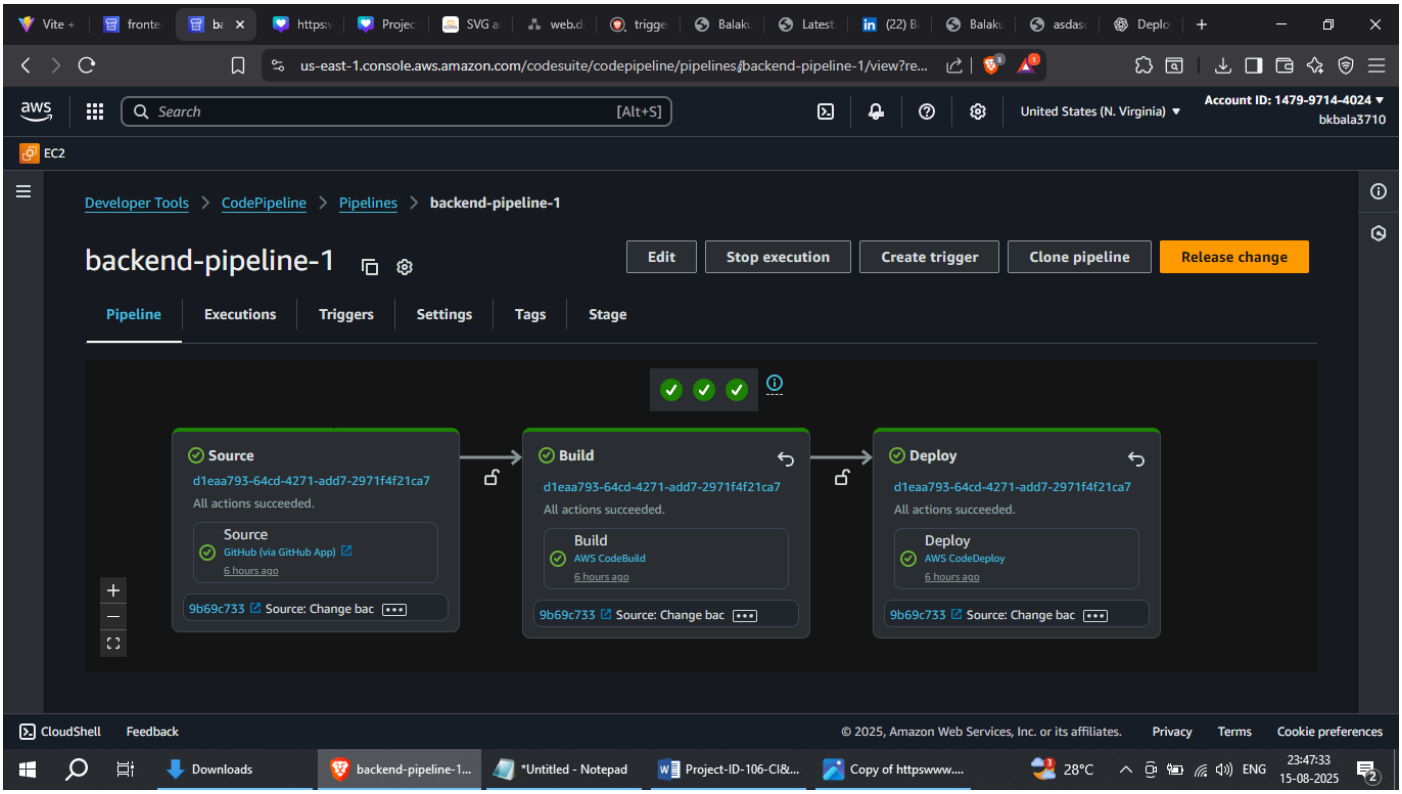
Privacy
Terms
Cookie preferences


us-east-1.console.aws.amazon.com/codesuite/codepipeline/pipelines/backend-pipeline-1/view?re...
Search [Alt+S]
United States (N. Virginia)
Account ID: 1479-9714-4024
bkbala3710
EC2
Developer Tools > CodePipeline > Pipelines > backend-pipeline-1
backend-pipeline-1
Edit
Stop execution
Create trigger
Clone pipeline
Release change
Pipeline
Executions
Triggers
Settings
Tags
Stage
Source
d1eaa793-64cd-4271-add7-2971f4f21ca7
All actions succeeded.
Source
GitHub (via GitHub App)
6 hours ago
9b69c733 Source: Change bac
Build
d1eaa793-64cd-4271-add7-2971f4f21ca7
All actions succeeded.
Build
AWS CodeBuild
6 hours ago
9b69c733 Source: Change bac
Deploy
d1eaa793-64cd-4271-add7-2971f4f21ca7
All actions succeeded.
Deploy
AWS CodeDeploy
6 hours ago
9b69c733 Source: Change bac
CloudShell
Feedback
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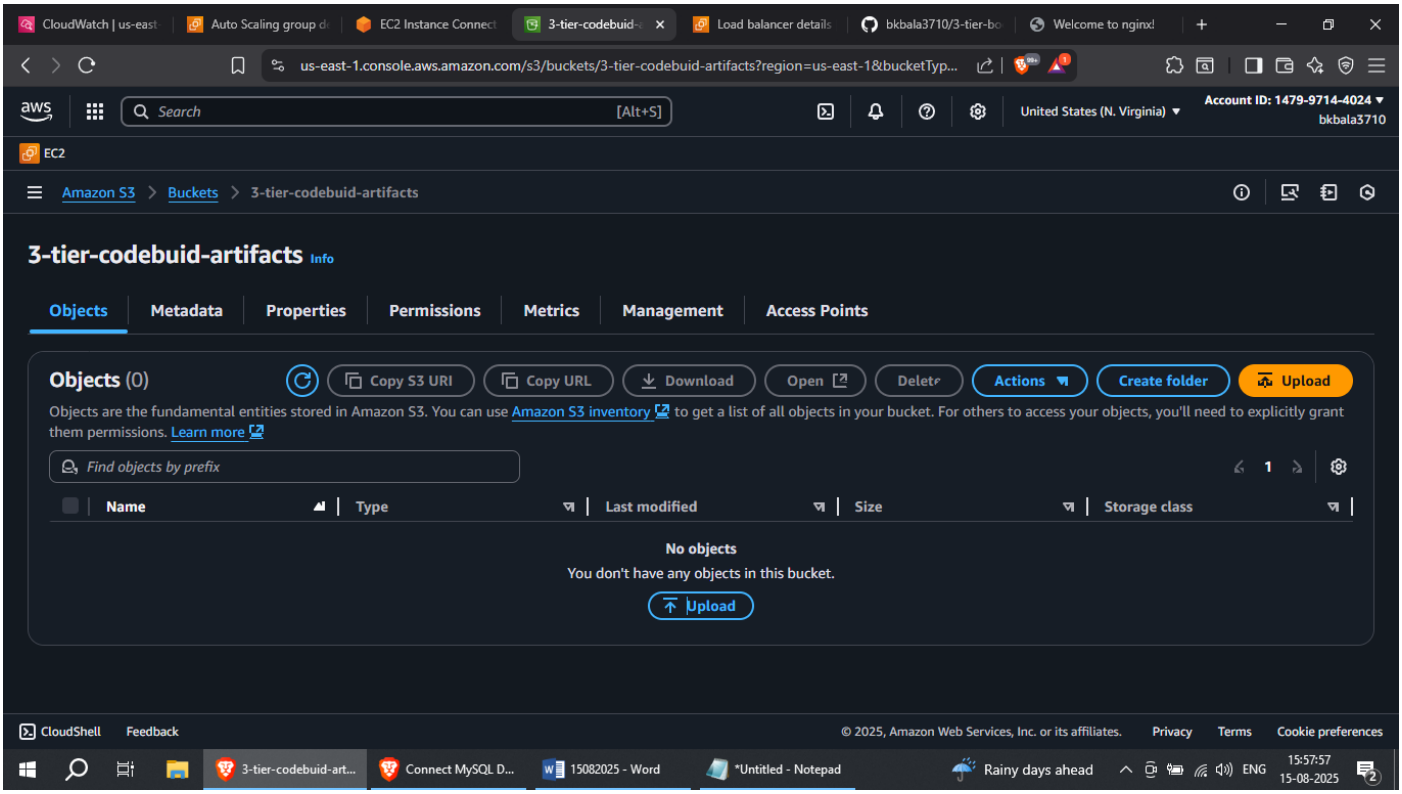
Privacy
Terms
Cookie preferences


us-east-1.console.aws.amazon.com/s3/buckets/3-tier-codebuid-artifacts?region=us-east-1&bucketTyp...
Search [Alt+S]
United States (N. Virginia)
Account ID: 1479-9714-4024
bkbala3710
EC2
Amazon S3 > Buckets > 3-tier-codebuid-artifacts
3-tier-codebuid-artifacts Info
Objects
Metadata
Properties
Permissions
Metrics
Management
Access Points
Objects (0)
Copy S3 URI
Copy URL
Download
Open
Delete
Actions
Create folder
Upload
Objects are the fundamental entities stored in Amazon S3. You can use Amazon S3 inventory to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. Learn more
Find objects by prefix
Name
Type
Last modified
Size
Storage class
No objects
You don't have any objects in this bucket.
Upload
CloudShell
Feedback
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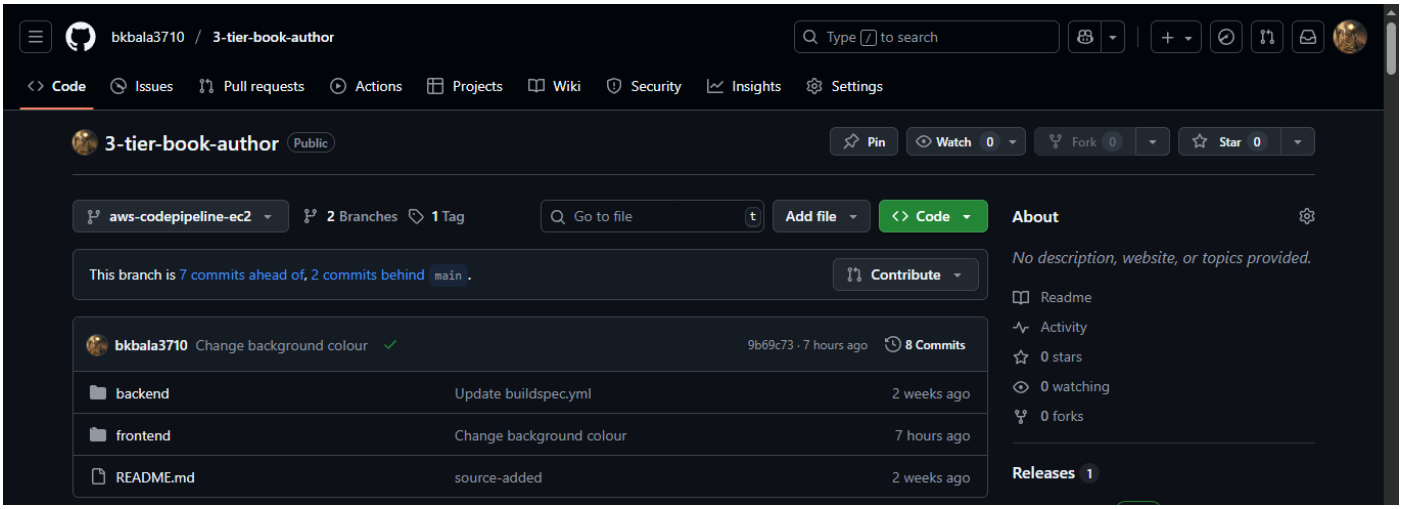
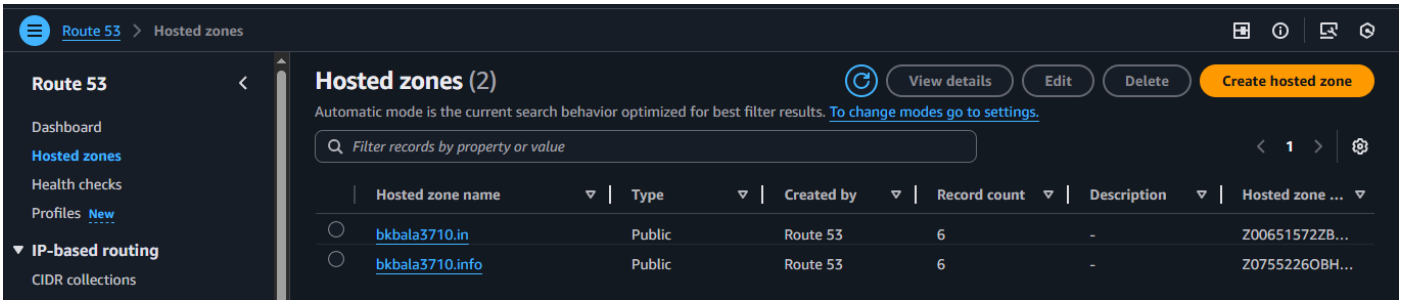
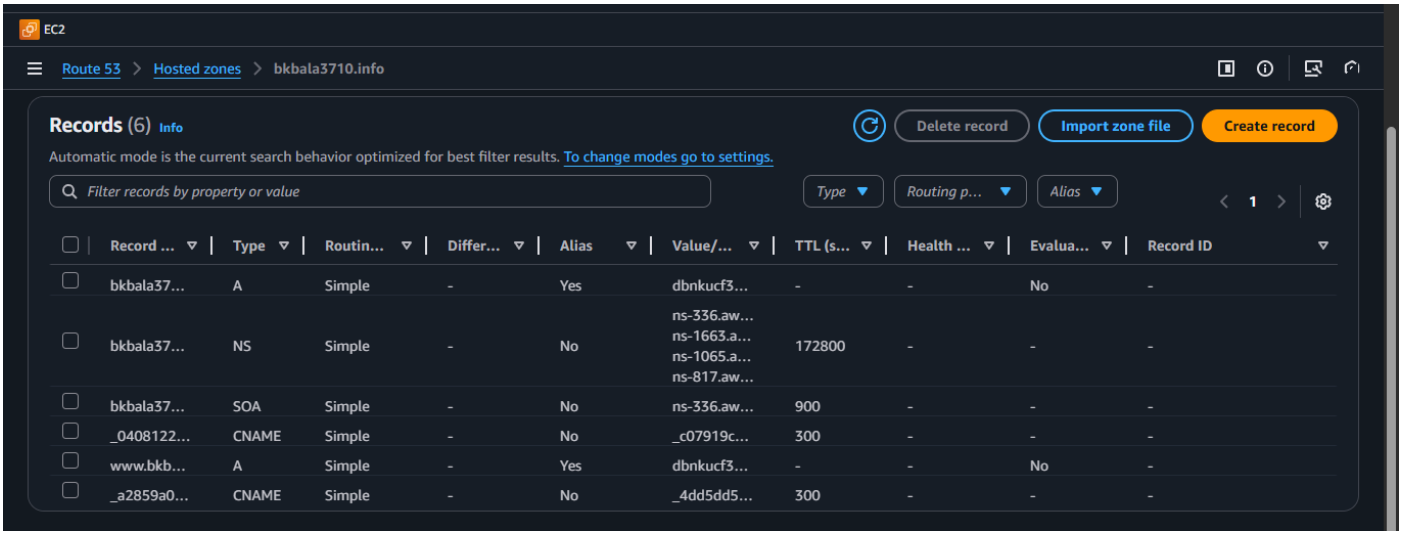
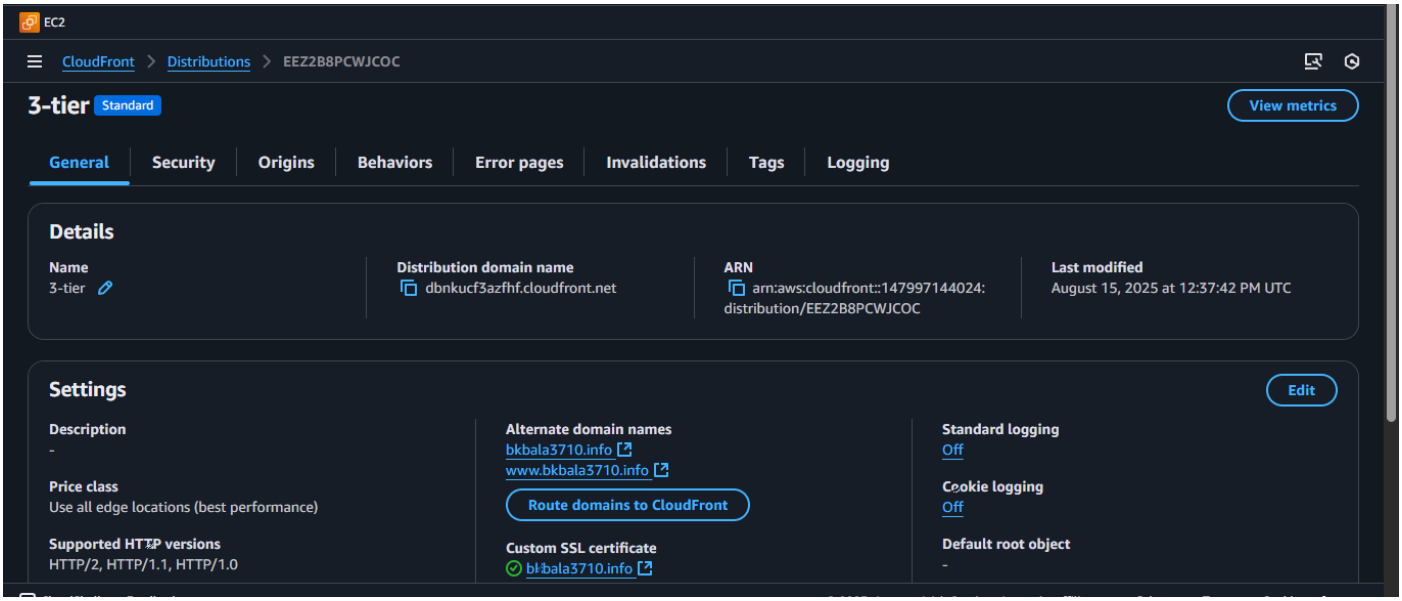
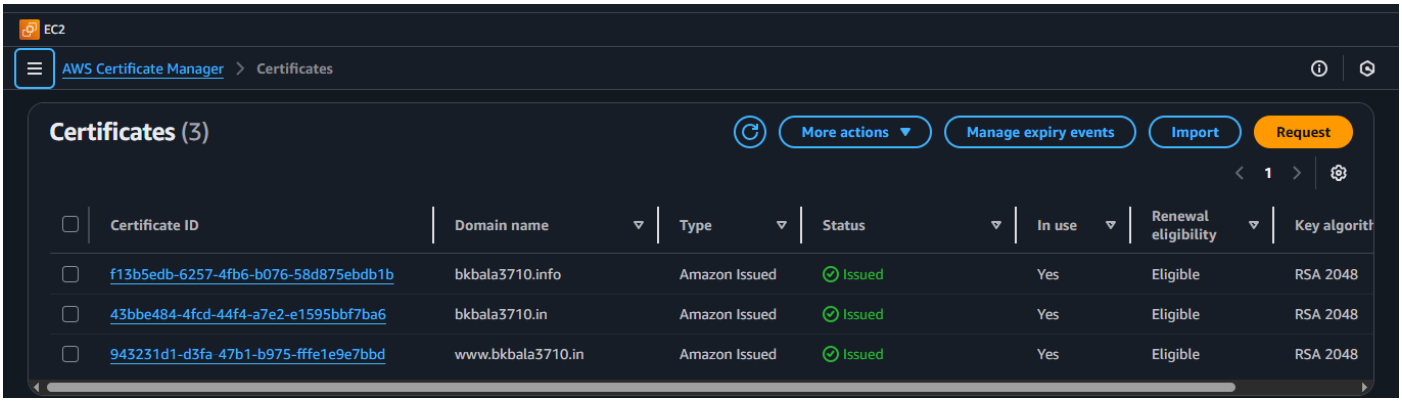
Privacy
Terms
Cookie preferences

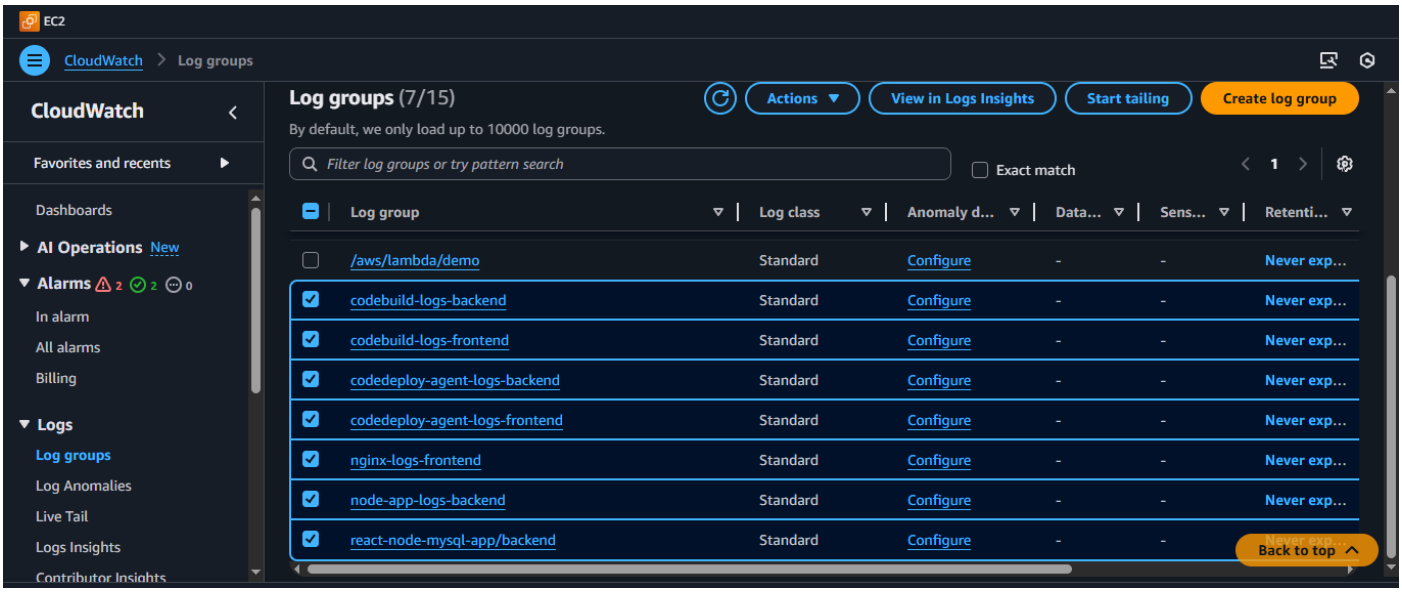

bkbala3710 / 3-tier-book-author
Type / to search
Code
Issues
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
3-tier-book-author
Public
Pin
Watch 0
Fork 0
Star 0
aws-codepipeline-ec2
2 Branches
1 Tag
Go to file
Add file
Code
About
No description, website, or topics provided.
This branch is 7 commits ahead of, 2 commits behind main.
Contribute
Readme
Activity
0 stars
0 watching
0 forks
bkbala3710 Change background colour
9b69c73 · 7 hours ago
8 Commits
backend
Update buildspec.yml
2 weeks ago
frontend
Change background colour
7 hours ago
README.md
source-added
2 weeks ago
Releases 1

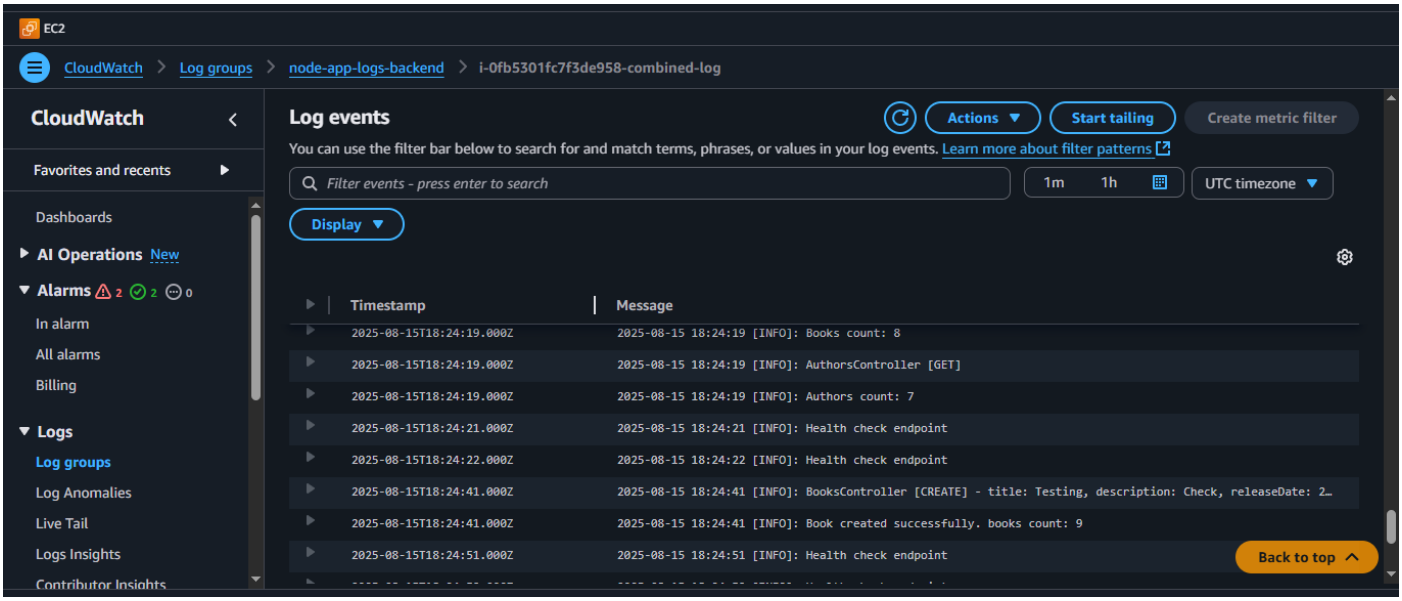

Route 53
Hosted zones
Route 53
Dashboard
Hosted zones
Health checks
Profiles New
IP-based routing
CIDR collections
Hosted zones (2)
View details
Edit
Delete
Create hosted zone
Automatic mode is the current search behavior optimized for best filter results. To change modes go to settings.
Filter records by property or value
Hosted zone name
Type
Created by
Record count
Description
Hosted zone ...
bkbala3710.in
Public
Route 53
6
Z00651572ZB...
bkbala3710.info
Public
Route 53
6
Z0755226OBH...

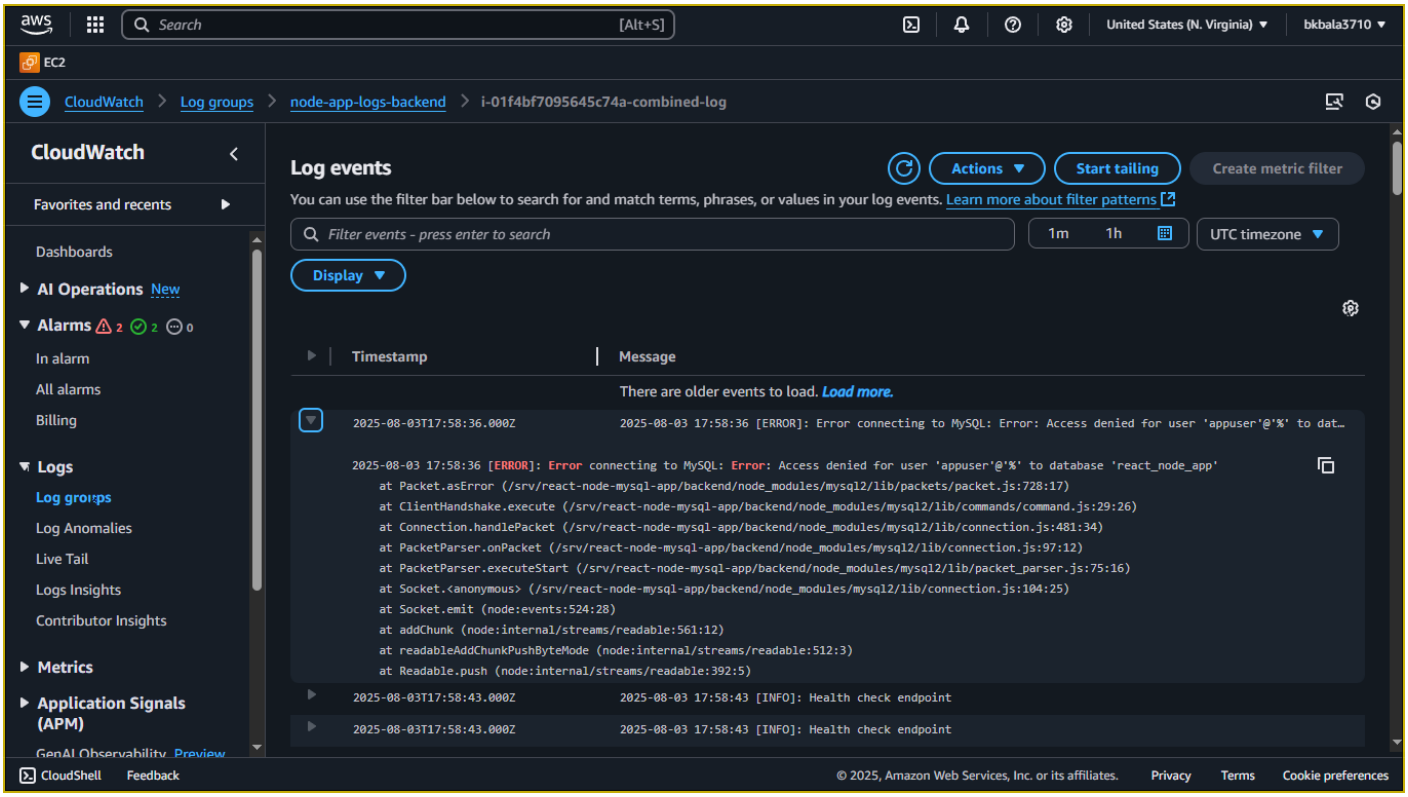

EC2
Route 53
Hosted zones
bkbala3710.info
Records (6) Info
Delete record
Import zone file
Create record
Automatic mode is the current search behavior optimized for best filter results. To change modes go to settings.
Filter records by property or value
Type
Routing p...
Alias
Record ...
Type
Routin...
Differ...
Alias
Value/...
TTL (s...
Health ...
Evalua...
Record ID
bkbala37...
A
Simple
Yes
dbnkucf3...
No
bkbala37...
NS
Simple
No
ns-336.aw...
ns-1663.a...
ns-1065.a...
ns-817.aw...
172800
bkbala37...
SOA
Simple
No
ns-336.aw...
900
_0408122...
CNAME
Simple
No
_c07919c...
300
www.bkb...
A
Simple
Yes
dbnkucf3...
No
_a2859a0...
CNAME
Simple
No
_4dd5dd5...
300


EC2
CloudFront > Distributions > EEZ2B8PCWJCOC
3-tier Standard
View metrics
General Security Origins Behaviors Error pages Invalidations Tags Logging
Details
Name
3-tier
Distribution domain name
dbnkucf3azfhf.cloudfront.net
ARN
arn:aws:cloudfront::147997144024:distribution/EEZ2B8PCWJCOC
Last modified
August 15, 2025 at 12:37:42 PM UTC
Settings
Edit
Description
-
Price class
Use all edge locations (best performance)
Supported HTTP versions
HTTP/2, HTTP/1.1, HTTP/1.0
Alternate domain names
bkbala3710.info
www.bkbala3710.info
Route domains to CloudFront
Custom SSL certificate
bkbala3710.info
Standard logging
Off
Cookie logging
Off
Default root object
-


EC2
AWS Certificate Manager > Certificates
Certificates (3)
More actions
Manage expiry events
Import
Request
Certificate ID
Domain name
Type
Status
In use
Renewal eligibility
Key algorith
f13b5edb-6257-4fb6-b076-58d875ebdb1b bkbala3710.info Amazon Issued Issued Yes Eligible RSA 2048
43bbe484-4fcd-44f4-a7e2-e1595bbf7ba6 bkbala3710.in Amazon Issued Issued Yes Eligible RSA 2048
943231d1-d3fa-47b1-b975-fffe1e9e7bbd www.bkbala3710.in Amazon Issued Issued Yes Eligible RSA 2048


EC2
CloudWatch > Log groups
CloudWatch
Favorites and recents
Dashboards
AI Operations New
Alarms 2 2 0
In alarm
All alarms
Billing
Logs
Log groups
Log Anomalies
Live Tail
Logs Insights
Log groups (7/15)
Actions
View in Logs Insights
Start tailing
Create log group
By default, we only load up to 10000 log groups.
Filter log groups or try pattern search
Exact match
Log group
Log class
Anomaly d...
Data...
Sens...
Retenti...
/aws/lambda/demo Standard Configure Never exp...
codebuild-logs-backend Standard Configure Never exp...
codebuild-logs-frontend Standard Configure Never exp...
codedeploy-agent-logs-backend Standard Configure Never exp...
codedeploy-agent-logs-frontend Standard Configure Never exp...
nginx-logs-frontend Standard Configure Never exp...
node-app-logs-backend Standard Configure Never exp...
react-node-mysql-app/backend Standard Configure
Back to top


EC2
CloudWatch > Log groups > node-app-logs-backend > i-0fb5301fc7f3de958-combined-log
CloudWatch
Favorites and recents
Dashboards
AI Operations New
Alarms 2 2 0
In alarm
All alarms
Billing
Logs
Log groups
Log Anomalies
Live Tail
Logs Insights
Contributor Insights
Log events
Actions
Start tailing
Create metric filter
You can use the filter bar below to search for and match terms, phrases, or values in your log events. Learn more about filter patterns
Filter events - press enter to search
1m 1h
UTC timezone
Display
Timestamp
Message
2025-08-15T18:24:19.000Z 2025-08-15 18:24:19 [INFO]: Books count: 8
2025-08-15T18:24:19.000Z 2025-08-15 18:24:19 [INFO]: AuthorsController [GET]
2025-08-15T18:24:19.000Z 2025-08-15 18:24:19 [INFO]: Authors count: 7
2025-08-15T18:24:21.000Z 2025-08-15 18:24:21 [INFO]: Health check endpoint
2025-08-15T18:24:22.000Z 2025-08-15 18:24:22 [INFO]: Health check endpoint
2025-08-15T18:24:41.000Z 2025-08-15 18:24:41 [INFO]: BooksController [CREATE] - title: Testing, description: Check, releaseDate: 2…
2025-08-15T18:24:41.000Z 2025-08-15 18:24:41 [INFO]: Book created successfully. books count: 9
2025-08-15T18:24:51.000Z 2025-08-15 18:24:51 [INFO]: Health check endpoint
Back to top


aws
Search [Alt+S]
United States (N. Virginia)
bkbala3710
EC2
CloudWatch > Log groups > node-app-logs-backend > i-01f4bf7095645c74a-combined-log
CloudWatch
Favorites and recents
Dashboards
AI Operations New
Alarms 2 2 0
In alarm
All alarms
Billing
Logs
Log groups
Log Anomalies
Live Tail
Logs Insights
Contributor Insights
Metrics
Application Signals (APM)
Log events
Actions
Start tailing
Create metric filter
You can use the filter bar below to search for and match terms, phrases, or values in your log events. Learn more about filter patterns
Filter events - press enter to search
1m 1h
UTC timezone
Display
Timestamp
Message
There are older events to load. Load more.
2025-08-03T17:58:36.000Z 2025-08-03 17:58:36 [ERROR]: Error connecting to MySQL: Error: Access denied for user 'appuser'@'%' to dat…
2025-08-03 17:58:36 [ERROR]: Error connecting to MySQL: Error: Access denied for user 'appuser'@'%' to database 'react_node_app'
at Packet.asError (/srv/react-node-mysql-app/backend/node_modules/mysql2/lib/packets/packet.js:728:17)
at ClientHandshake.execute (/srv/react-node-mysql-app/backend/node_modules/mysql2/lib/commands/command.js:29:26)
at Connection.handlePacket (/srv/react-node-mysql-app/backend/node_modules/mysql2/lib/connection.js:481:34)
at PacketParser.onPacket (/srv/react-node-mysql-app/backend/node_modules/mysql2/lib/connection.js:97:12)
at PacketParser.executeStart (/srv/react-node-mysql-app/backend/node_modules/mysql2/lib/packet_parser.js:75:16)
at Socket.<anonymous> (/srv/react-node-mysql-app/backend/node_modules/mysql2/lib/connection.js:104:25)
at Socket.emit (node:events:524:28)
at addChunk (node:internal/streams/readable:561:12)
at readableAddChunkPushByteMode (node:internal/streams/readable:512:3)
at Readable.push (node:internal/streams/readable:392:5)
2025-08-03T17:58:43.000Z 2025-08-03 17:58:43 [INFO]: Health check endpoint
2025-08-03T17:58:43.000Z 2025-08-03 17:58:43 [INFO]: Health check endpoint
CloudShell Feedback
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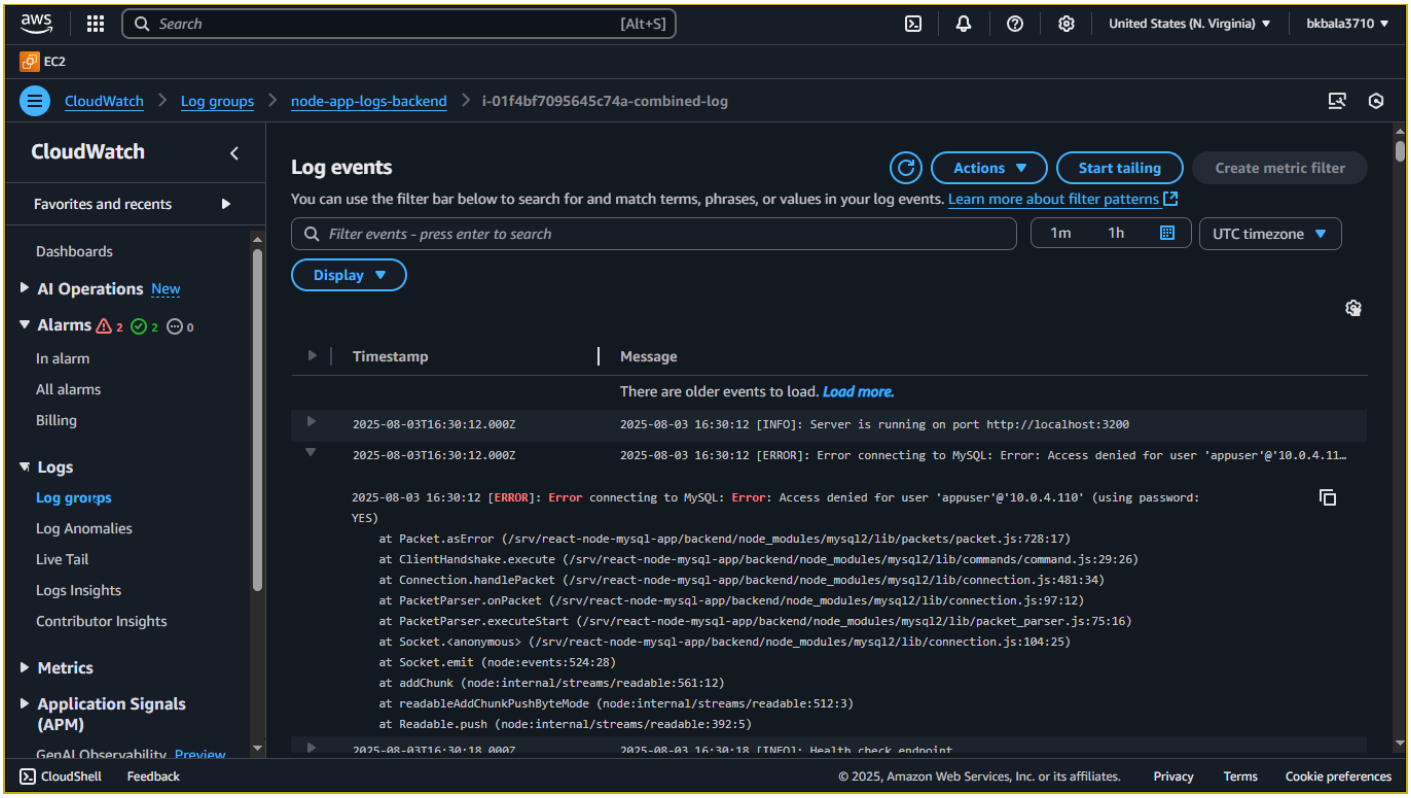
aws
Search
[Alt+S]
United States (N. Virginia)
bkbala3710
EC2
CloudWatch > Log groups > node-app-logs-backend > i-01f4bf7095645c74a-combined-log
CloudWatch
Favorites and recents
Dashboards
AI Operations New
Alarms 2 2 0
In alarm
All alarms
Billing
Logs
Log groups
Log Anomalies
Live Tail
Logs Insights
Contributor Insights
Metrics
Application Signals (APM)
Log events
Actions
Start tailing
Create metric filter
You can use the filter bar below to search for and match terms, phrases, or values in your log events. Learn more about filter patterns
Filter events - press enter to search
1m
1h
UTC timezone
Display
Timestamp
Message
There are older events to load. Load more.
2025-08-03T16:30:12.000Z
2025-08-03 16:30:12 [INFO]: Server is running on port http://localhost:3200
2025-08-03T16:30:12.000Z
2025-08-03 16:30:12 [ERROR]: Error connecting to MySQL: Error: Access denied for user 'appuser'@'10.0.4.11…
2025-08-03 16:30:12 [ERROR]: Error connecting to MySQL: Error: Access denied for user 'appuser'@'10.0.4.110' (using password: YES)
at Packet.asError (/srv/react-node-mysql-app/backend/node_modules/mysql2/lib/packets/packet.js:728:17)
at ClientHandshake.execute (/srv/react-node-mysql-app/backend/node_modules/mysql2/lib/commands/command.js:29:26)
at Connection.handlePacket (/srv/react-node-mysql-app/backend/node_modules/mysql2/lib/connection.js:481:34)
at PacketParser.onPacket (/srv/react-node-mysql-app/backend/node_modules/mysql2/lib/connection.js:97:12)
at PacketParser.executeStart (/srv/react-node-mysql-app/backend/node_modules/mysql2/lib/packet_parser.js:75:16)
at Socket.<anonymous> (/srv/react-node-mysql-app/backend/node_modules/mysql2/lib/connection.js:104:25)
at Socket.emit (node:events:524:28)
at addChunk (node:internal/streams/readable:561:12)
at readableAddChunkPushByteMode (node:internal/streams/readable:512:3)
at Readable.push (node:internal/streams/readable:392:5)
CloudShell
Feedback
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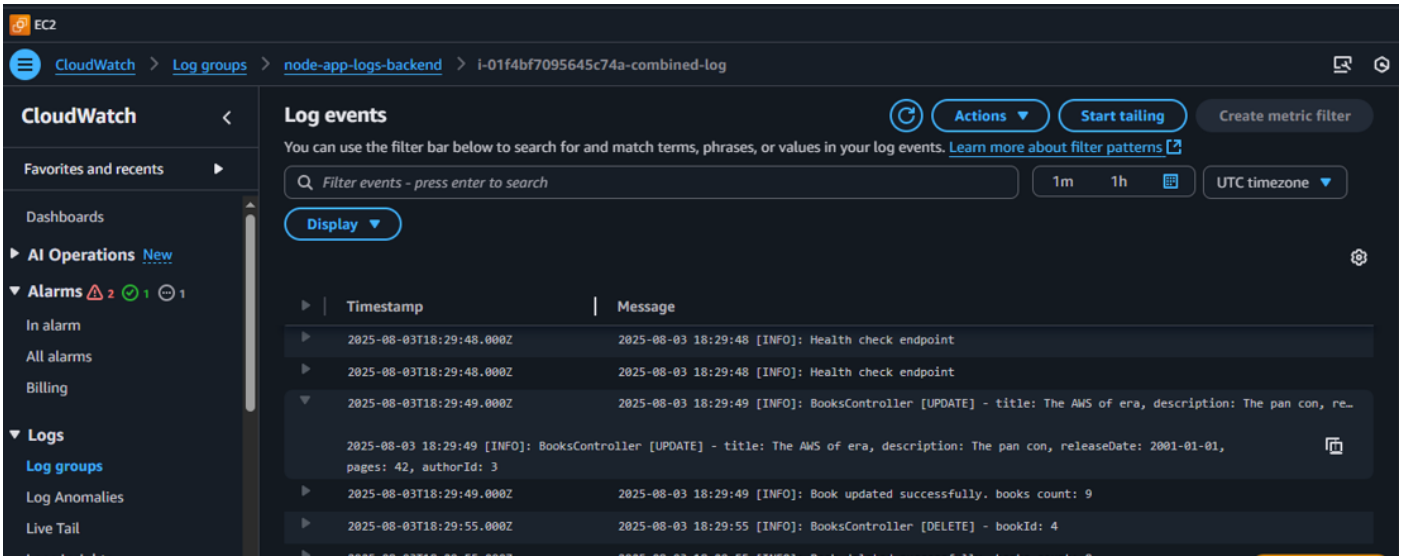
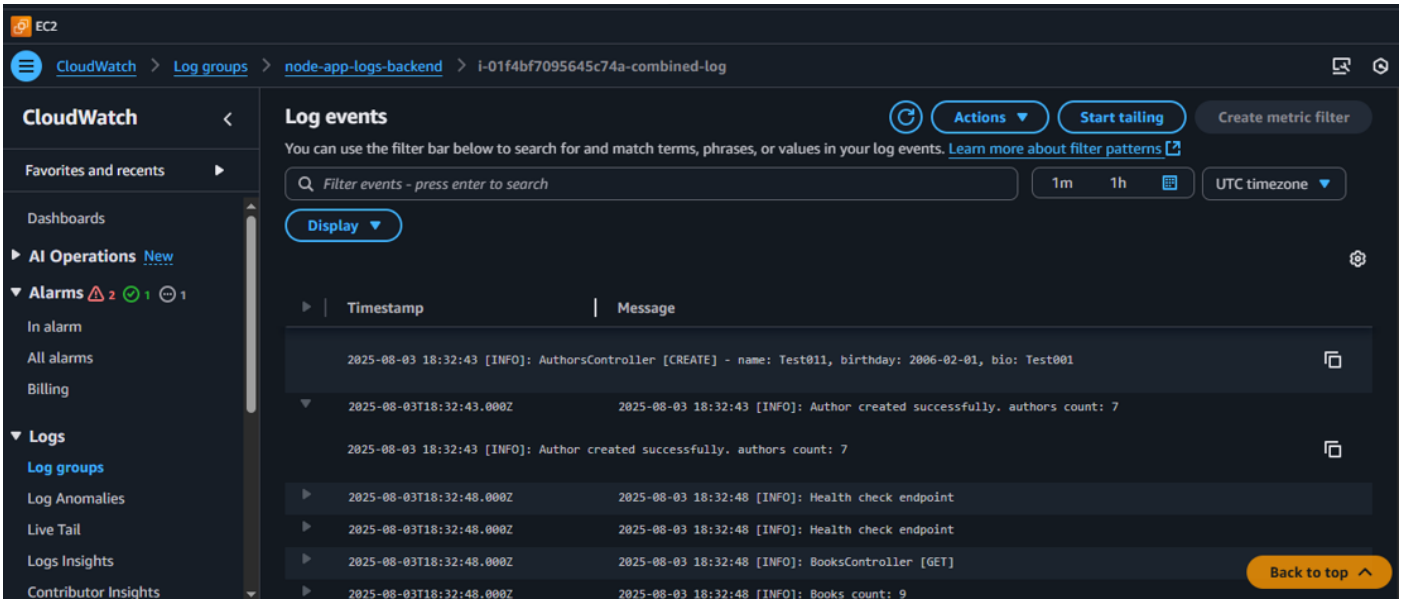

EC2
CloudWatch > Log groups > node-app-logs-backend > i-01f4bf7095645c74a-combined-log
CloudWatch
Favorites and recents
Dashboards
AI Operations New
Alarms 2 1 1
In alarm
All alarms
Billing
Logs
Log groups
Log Anomalies
Live Tail
Log events
Actions
Start tailing
Create metric filter
You can use the filter bar below to search for and match terms, phrases, or values in your log events. Learn more about filter patterns
Filter events - press enter to search
1m
1h
UTC timezone
Display
Timestamp
Message
2025-08-03T18:29:48.000Z
2025-08-03 18:29:48 [INFO]: Health check endpoint
2025-08-03T18:29:48.000Z
2025-08-03 18:29:48 [INFO]: Health check endpoint
2025-08-03T18:29:49.000Z
2025-08-03 18:29:49 [INFO]: BooksController [UPDATE] - title: The AWS of era, description: The pan con, re…
2025-08-03 18:29:49 [INFO]: BooksController [UPDATE] - title: The AWS of era, description: The pan con, releaseDate: 2001-01-01, pages: 42, authorId: 3
2025-08-03T18:29:49.000Z
2025-08-03 18:29:49 [INFO]: Book updated successfully. books count: 9
2025-08-03T18:29:55.000Z
2025-08-03 18:29:55 [INFO]: BooksController [DELETE] - bookId: 4


EC2
CloudWatch > Log groups > node-app-logs-backend > i-01f4bf7095645c74a-combined-log
CloudWatch
Favorites and recents
Dashboards
AI Operations New
Alarms
In alarm
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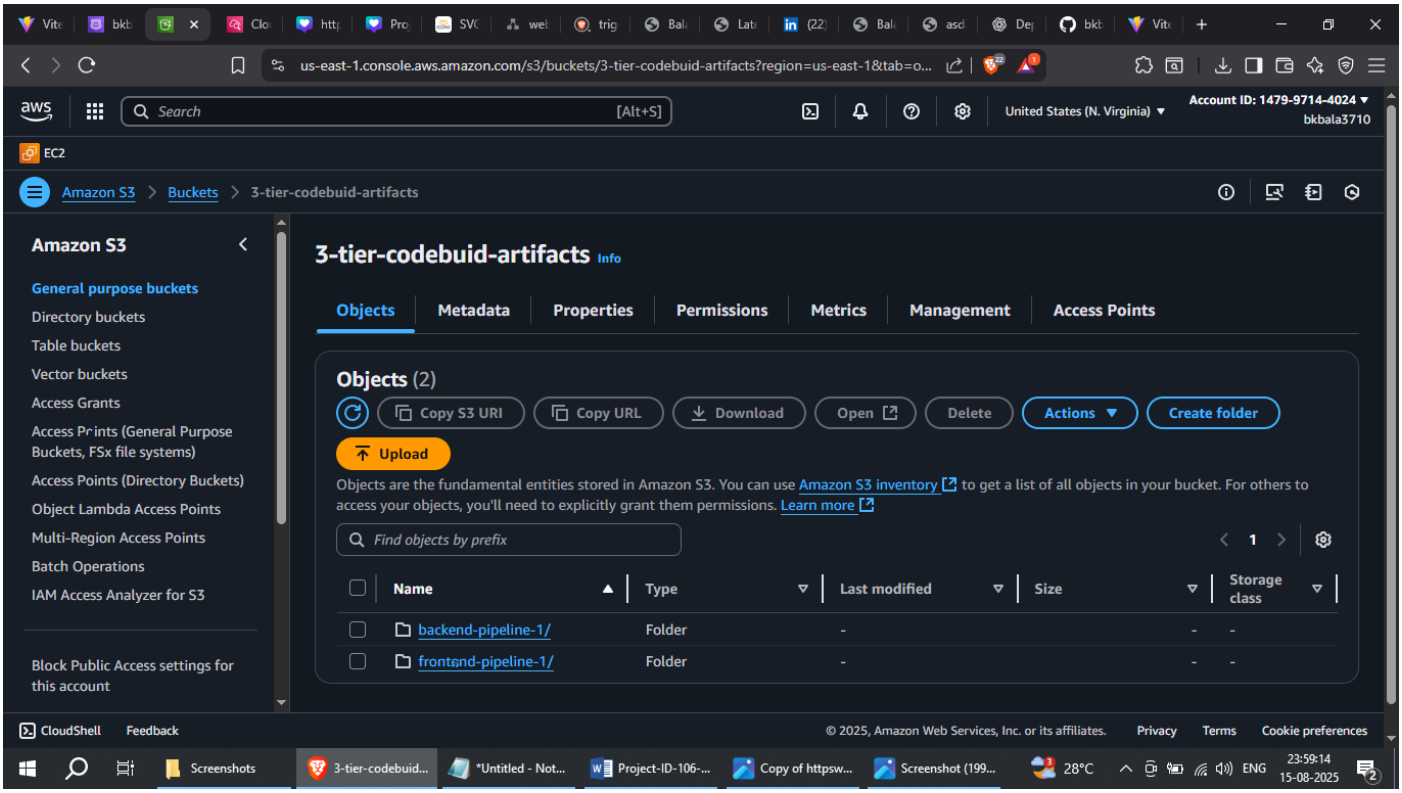
Logs
Log groups
Log Anomalies
Live Tail
Logs Insights
Contributor Insights
Log events
Actions
Start tailing
Create metric filter
You can use the filter bar below to search for and match terms, phrases, or values in your log events. Learn more about filter patterns
Filter events - press enter to search
1m 1h
UTC timezone
Display
Timestamp
Message
2025-08-03 18:32:43 [INFO]: AuthorsController [CREATE] - name: Test011, birthday: 2006-02-01, bio: Test001
2025-08-03T18:32:43.000Z 2025-08-03 18:32:43 [INFO]: Author created successfully. authors count: 7
2025-08-03 18:32:43 [INFO]: Author created successfully. authors count: 7
2025-08-03T18:32:48.000Z 2025-08-03 18:32:48 [INFO]: Health check endpoint
2025-08-03T18:32:48.000Z 2025-08-03 18:32:48 [INFO]: Health check endpoint
2025-08-03T18:32:48.000Z 2025-08-03 18:32:48 [INFO]: BooksController [GET]
Back to top


us-east-1.console.aws.amazon.com/s3/buckets/3-tier-codebuid-artifacts?region=us-east-1&tab=o...
aws
Search [Alt+S]
United States (N. Virginia)
Account ID: 1479-9714-4024
bkbala3710
EC2
Amazon S3 > Buckets > 3-tier-codebuid-artifacts
Amazon S3
General purpose buckets
Directory buckets
Table buckets
Vector buckets
Access Grants
Access Points (General Purpose Buckets, FSx file systems)
Access Points (Directory Buckets)
Object Lambda Access Points
Multi-Region Access Points
Batch Operations
IAM Access Analyzer for S3
Block Public Access settings for this account
3-tier-codebuid-artifacts Info
Objects Metadata Properties Permissions Metrics Management Access Points
Objects (2)
Copy S3 URI
Copy URL
Download
Open
Delete
Actions
Create folder
Upload
Objects are the fundamental entities stored in Amazon S3. You can use Amazon S3 inventory to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. Learn more
Find objects by prefix
Name
Type
Last modified
Size
Storage class
backend-pipeline-1/ Folder
frontend-pipeline-1/ Folder
CloudShell
Feedback
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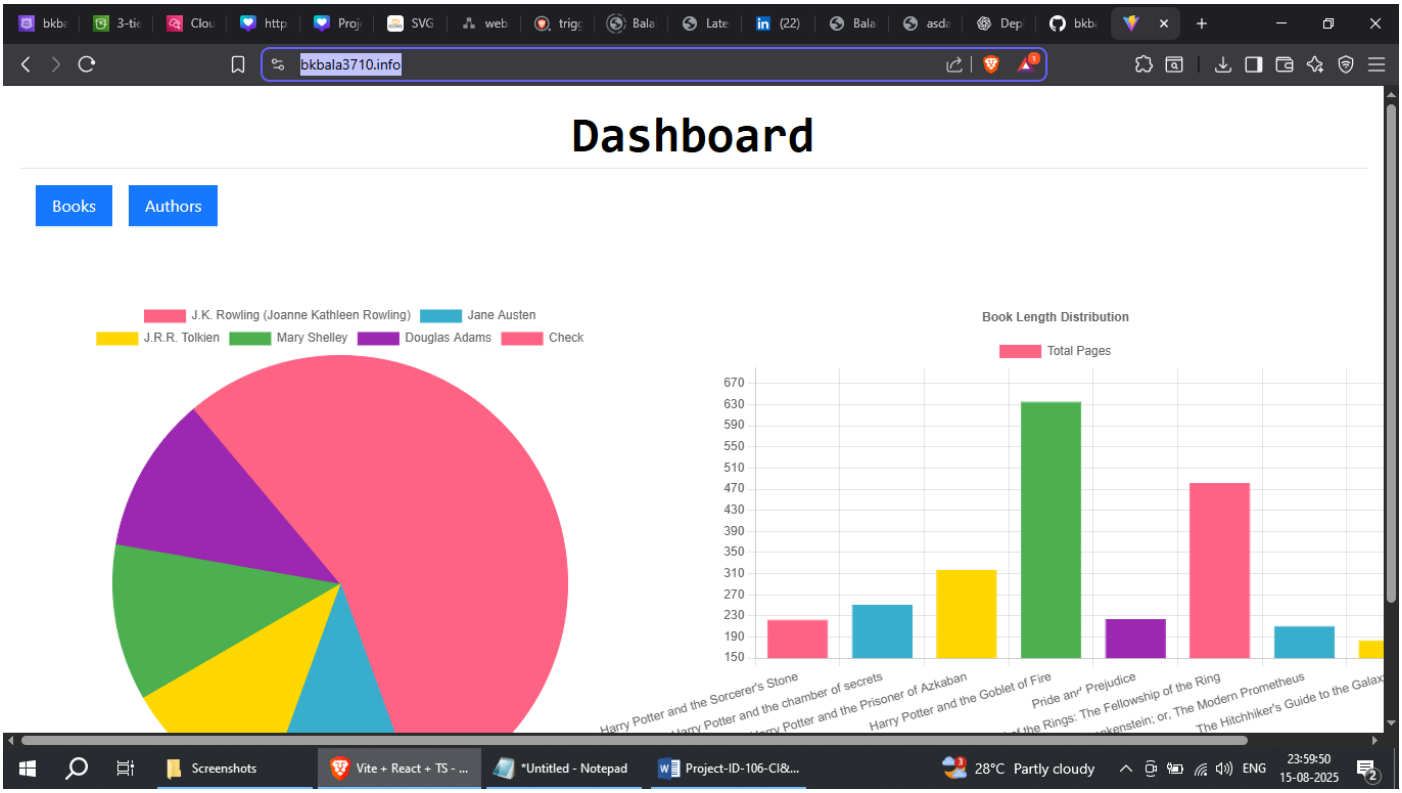
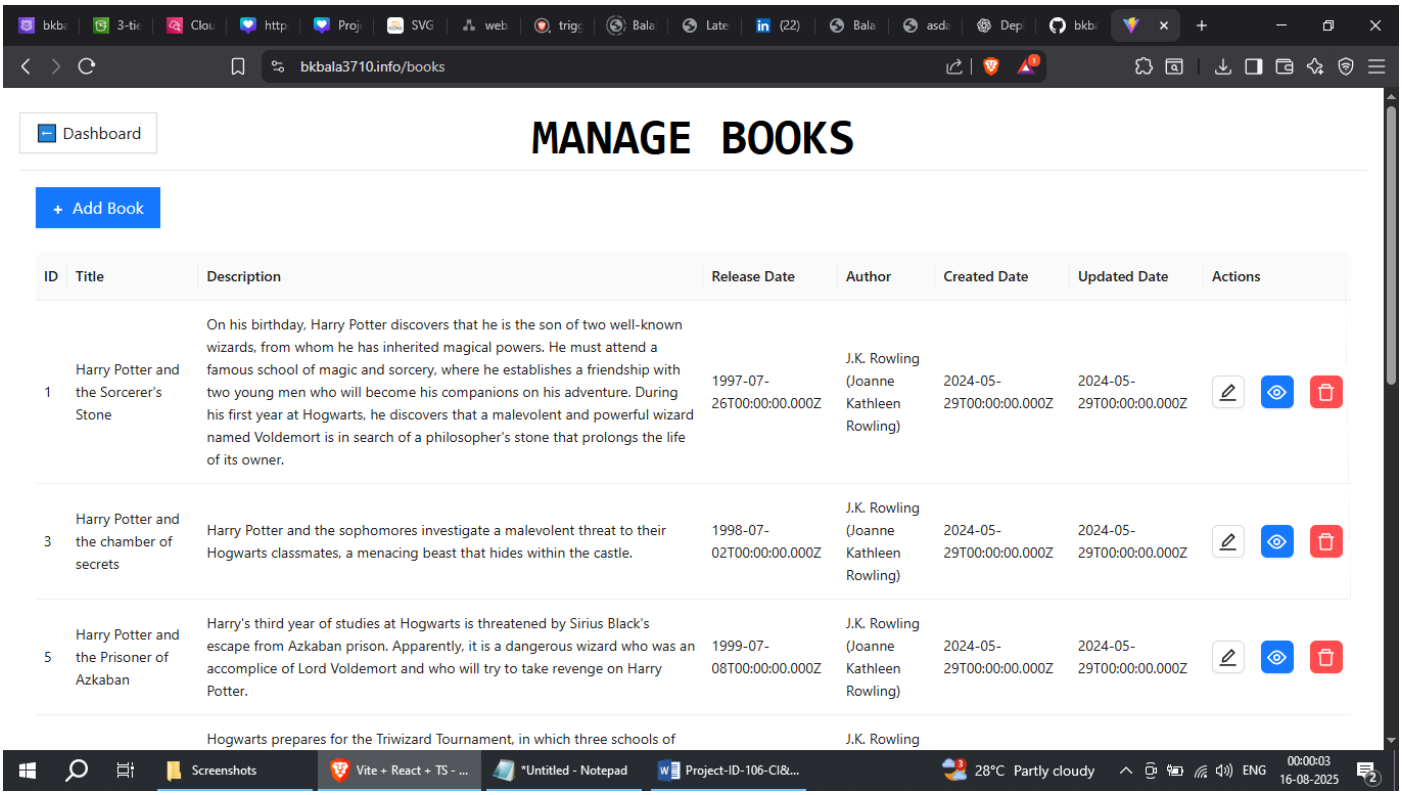

bkbala3710.info
Dashboard
Books
Authors
J.K. Rowling (Joanne Kathleen Rowling)
Jane Austen
J.R.R. Tolkien
Mary Shelley
Douglas Adams
Check
Book Length Distribution
Total Pages
670
630
590
550
510
470
430
390
350
310
270
230
190
150
Harry Potter and the Sorcerer's Stone
Harry Potter and the chamber of secrets
Harry Potter and the Prisoner of Azkaban
Harry Potter and the Goblet of Fire
Pride and Prejudice
The Fellowship of the Ring
The Modern Prometheus
The Hitchhiker's Guide to the Galaxy
Screenshots
Vite + React + TS - ...
*Untitled - Notepad
Project-ID-106-CI&...
28°C Partly cloudy
ENG
23:59:50
15-08-2025


bkbala3710.info/books
Dashboard
MANAGE BOOKS
+ Add Book
ID
Title
Description
Release Date
Author
Created Date
Updated Date
Actions
1
Harry Potter and the Sorcerer's Stone
On his birthday, Harry Potter discovers that he is the son of two well-known wizards, from whom he has inherited magical powers. He must attend a famous school of magic and sorcery, where he establishes a friendship with two young men who will become his companions on his adventure. During his first year at Hogwarts, he discovers that a malevolent and powerful wizard named Voldemort is in search of a philosopher's stone that prolongs the life of its owner.
1997-07-26T00:00:00.000Z
J.K. Rowling (Joanne Kathleen Rowling)
2024-05-29T00:00:00.000Z
2024-05-29T00:00:00.000Z
3
Harry Potter and the chamber of secrets
Harry Potter and the sophomores investigate a malevolent threat to their Hogwarts classmates, a menacing beast that hides within the castle.
1998-07-02T00:00:00.000Z
J.K. Rowling (Joanne Kathleen Rowling)
2024-05-29T00:00:00.000Z
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5
Harry Potter and the Prisoner of Azkaban
Harry's third year of studies at Hogwarts is threatened by Sirius Black's escape from Azkaban prison. Apparently, it is a dangerous wizard who was an accomplice of Lord Voldemort and who will try to take revenge on Harry Potter.
1999-07-08T00:00:00.000Z
J.K. Rowling (Joanne Kathleen Rowling)
2024-05-29T00:00:00.000Z
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Hogwarts prepares for the Triwizard Tournament, in which three schools of
J.K. Rowling
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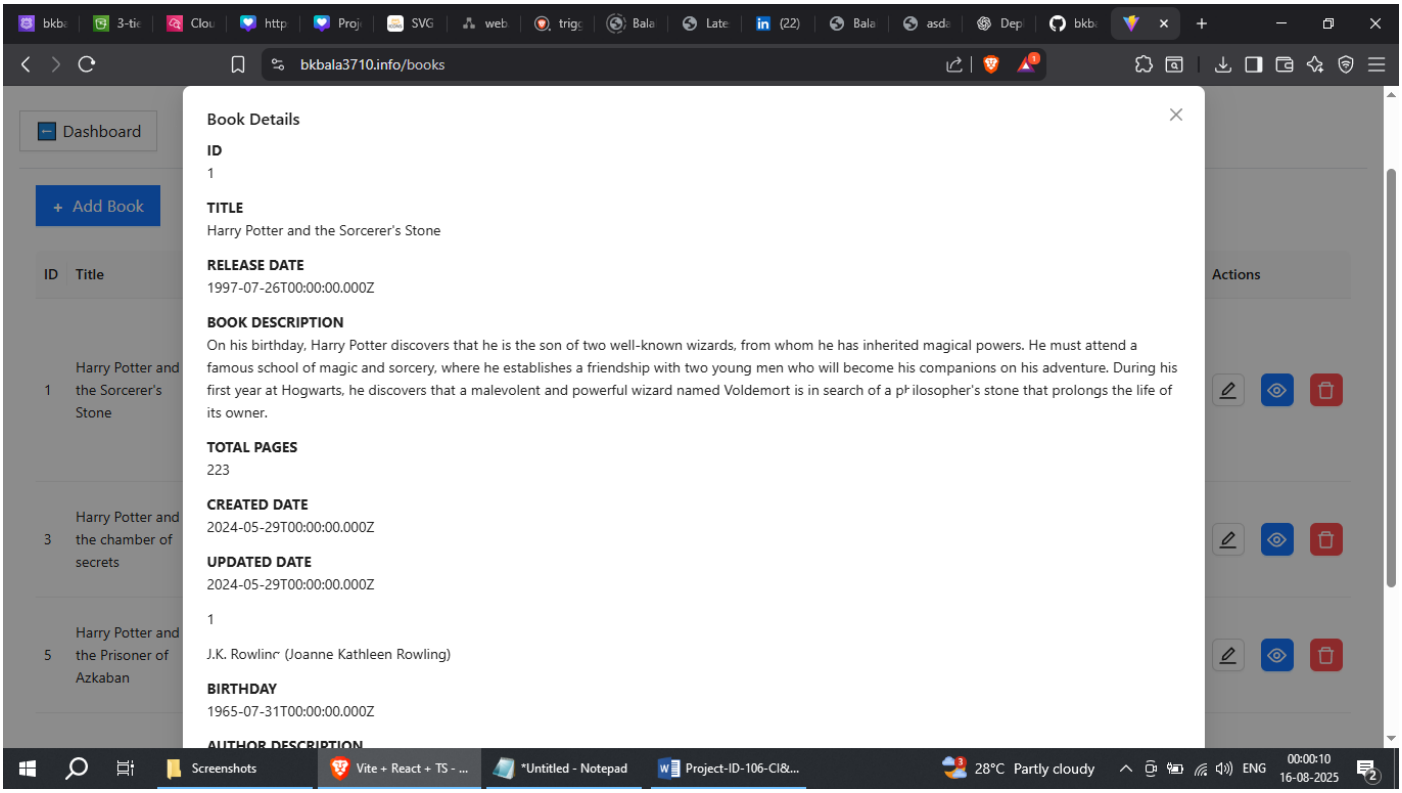
16-08-2025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1 Harry Potter and the Sorcerer's Stone
3 Harry Potter and the chamber of secrets
5 Harry Potter and the Prisoner of Azkaban
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Harry Potter and the Sorcerer's Stone
RELEASE DATE
1997-07-26T00:00:00.000Z
BOOK DESCRIPTION
On his birthday, Harry Potter discovers that he is the son of two well-known wizards, from whom he has inherited magical powers. He must attend a famous school of magic and sorcery, where he establishes a friendship with two young men who will become his companions on his adventure. During his first year at Hogwarts, he discovers that a malevolent and powerful wizard named Voldemort is in search of a philosopher's stone that prolongs the life of its owner.
TOTAL PAGES
223
CREATED DATE
2024-05-29T00:00:00.000Z
UPDATED DATE
2024-05-29T00:00:00.000Z
1
J.K. Rowling (Joanne Kathleen Rowling)
BIRTHDAY
1965-07-31T00:00:00.000Z
AUTHOR DESCRIPTION
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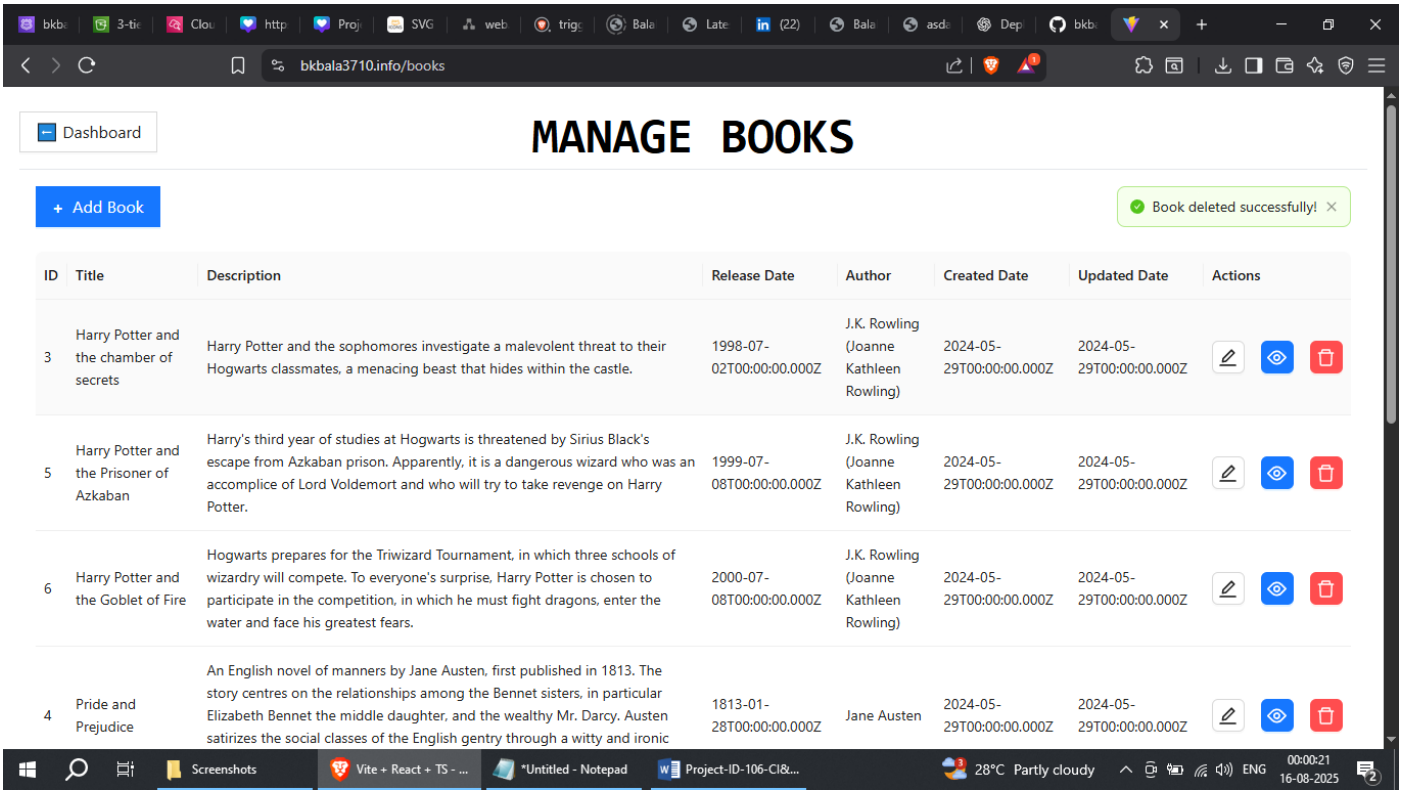
bkbala3710.info/books
Dashboard
MANAGE BOOKS
+ Add Book
Book deleted successfully!
ID Title Description Release Date Author Created Date Updated Date Actions
3 Harry Potter and the chamber of secrets Harry Potter and the sophomores investigate a malevolent threat to their Hogwarts classmates, a menacing beast that hides within the castle. 1998-07-02T00:00:00.000Z J.K. Rowling (Joanne Kathleen Rowling) 2024-05-29T00:00:00.000Z 2024-05-29T00:00:00.000Z
5 Harry Potter and the Prisoner of Azkaban Harry's third year of studies at Hogwarts is threatened by Sirius Black's escape from Azkaban prison. Apparently, it is a dangerous wizard who was an accomplice of Lord Voldemort and who will try to take revenge on Harry Potter. 1999-07-08T00:00:00.000Z J.K. Rowling (Joanne Kathleen Rowling) 2024-05-29T00:00:00.000Z 2024-05-29T00:00:00.000Z
6 Harry Potter and the Goblet of Fire Hogwarts prepares for the Triwizard Tournament, in which three schools of wizardry will compete. To everyone's surprise, Harry Potter is chosen to participate in the competition, in which he must fight dragons, enter the water and face his greatest fears. 2000-07-08T00:00:00.000Z J.K. Rowling (Joanne Kathleen Rowling) 2024-05-29T00:00:00.000Z 2024-05-29T00:00:00.000Z
4 Pride and Prejudice An English novel of manners by Jane Austen, first published in 1813. The story centres on the relationships among the Bennet sisters, in particular Elizabeth Bennet the middle daughter, and the wealthy Mr. Darcy. Austen satirizes the social classes of the English gentry through a witty and ironic 1813-01-28T00:00:00.000Z Jane Austen 2024-05-29T00:00:00.000Z 2024-05-29T00:00:00.000Z
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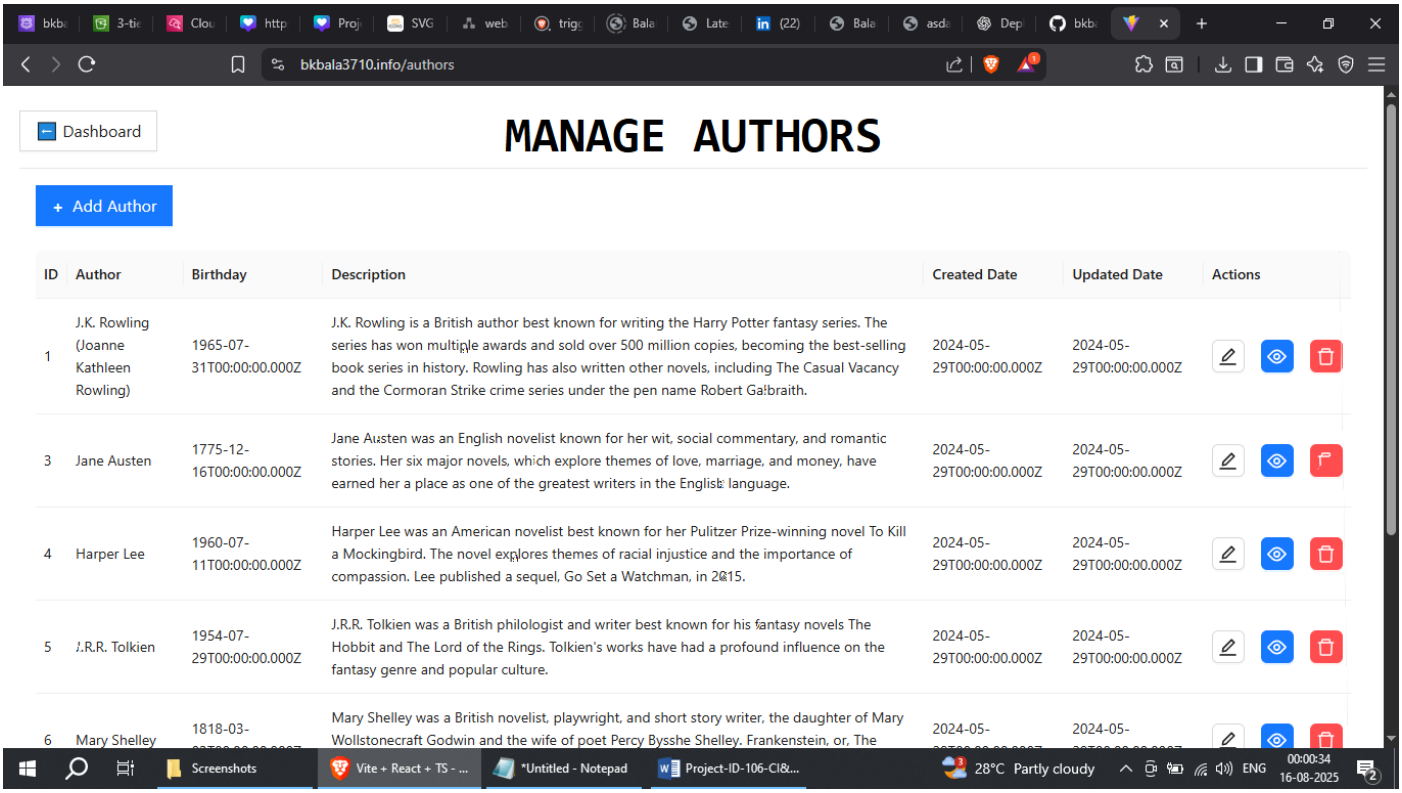
bkbala3710.info/authors
Dashboard
MANAGE AUTHORS
+ Add Author
ID
Author
Birthday
Description
Created Date
Updated Date
Actions
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J.K. Rowling (Joanne Kathleen Rowling)
1965-07-31T00:00:00.000Z
J.K. Rowling is a British author best known for writing the Harry Potter fantasy series. The series has won multiple awards and sold over 500 million copies, becoming the best-selling book series in history. Rowling has also written other novels, including The Casual Vacancy and the Cormoran Strike crime series under the pen name Robert Galbraith.
2024-05-29T00:00:00.000Z
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3
Jane Austen
1775-12-16T00:00:00.000Z
Jane Austen was an English novelist known for her wit, social commentary, and romantic stories. Her six major novels, which explore themes of love, marriage, and money, have earned her a place as one of the greatest writers in the English language.
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Harper Lee
1960-07-11T00:00:00.000Z
Harper Lee was an American novelist best known for her Pulitzer Prize-winning novel To Kill a Mockingbird. The novel explores themes of racial injustice and the importance of compassion. Lee published a sequel, Go Set a Watchman, in 2015.
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J.R.R. Tolkien
1954-07-29T00:00:00.000Z
J.R.R. Tolkien was a British philologist and writer best known for his fantasy novels The Hobbit and The Lord of the Rings. Tolkien's works have had a profound influence on the fantasy genre and popular culture.
2024-05-29T00:00:00.000Z
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6
Mary Shelley
1818-03-
Mary Shelley was a British novelist, playwright, and short story writer, the daughter of Mary Wollstonecraft Godwin and the wife of poet Percy Bysshe Shelley. Frankenstein, or, The
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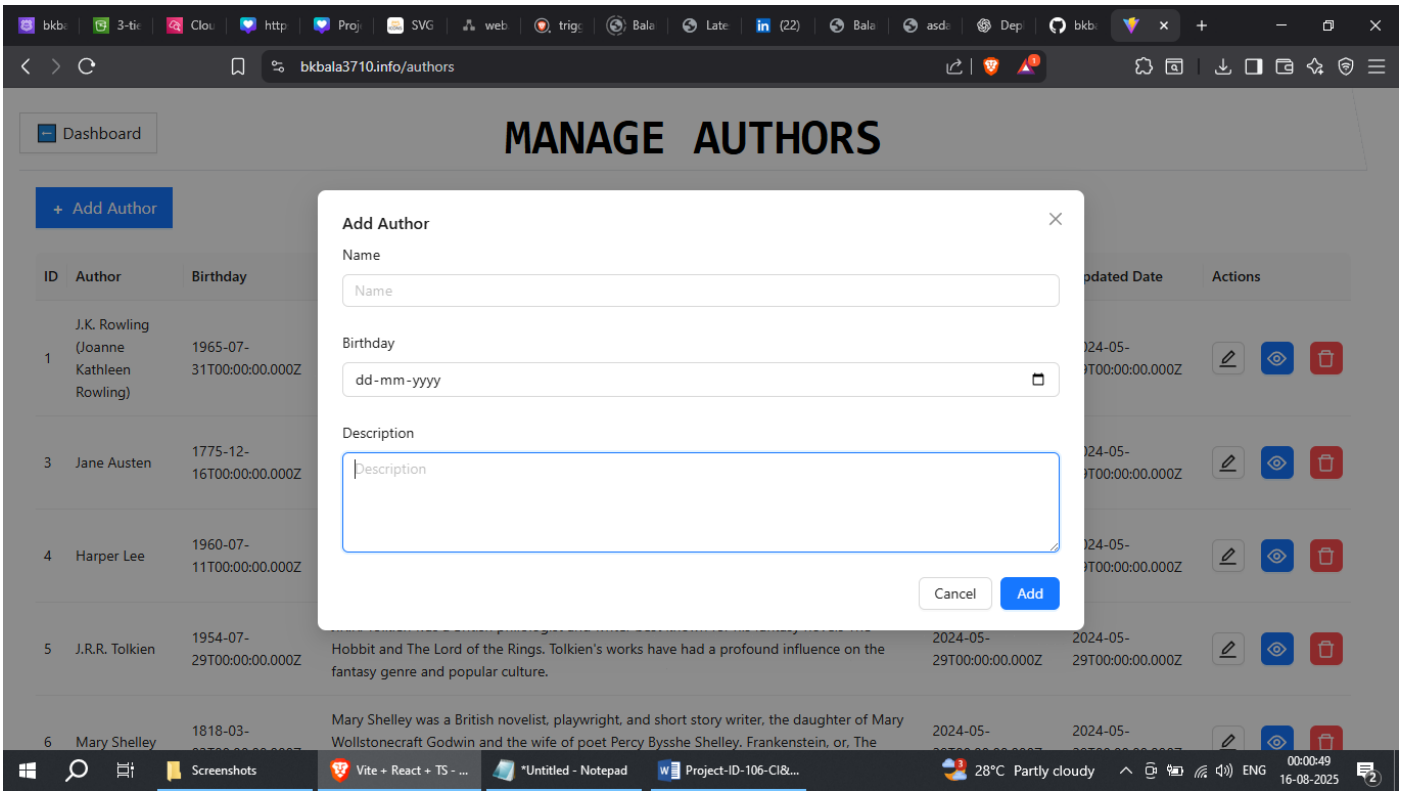
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MANAGE AUTHORS
+ Add Author
Add Author
Name
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Description
Description
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Add
ID
Author
Birthday
Actions
1
J.K. Rowling (Joanne Kathleen Rowling)
1965-07-31T00:00:00.000Z
3
Jane Austen
1775-12-16T00:00:00.000Z
4
Harper Lee
1960-07-11T00:00:00.000Z
5
J.R.R. Tolkien
1954-07-29T00:00:00.000Z
Hobbit and The Lord of the Rings. Tolkien's works have had a profound influence on the fantasy genre and popular culture.
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6
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1818-03-
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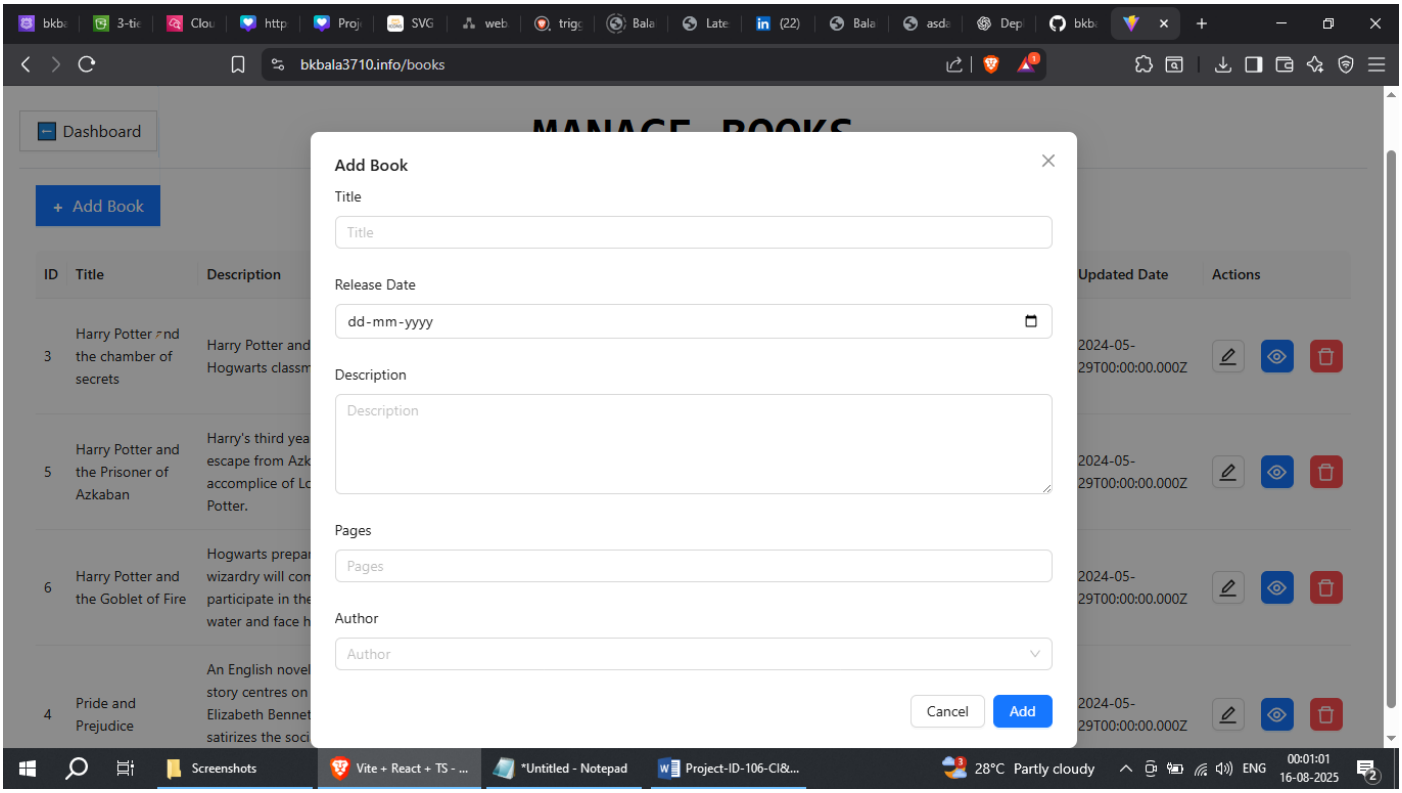
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Dashboard
+ Add Book
Add Book
Title
Release Date
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Pages
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Updated Date
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3
Harry Potter and the chamber of secrets
5
Harry Potter and the Prisoner of Azkaban
6
Harry Potter and the Goblet of Fire
4
Pride and Prejudice
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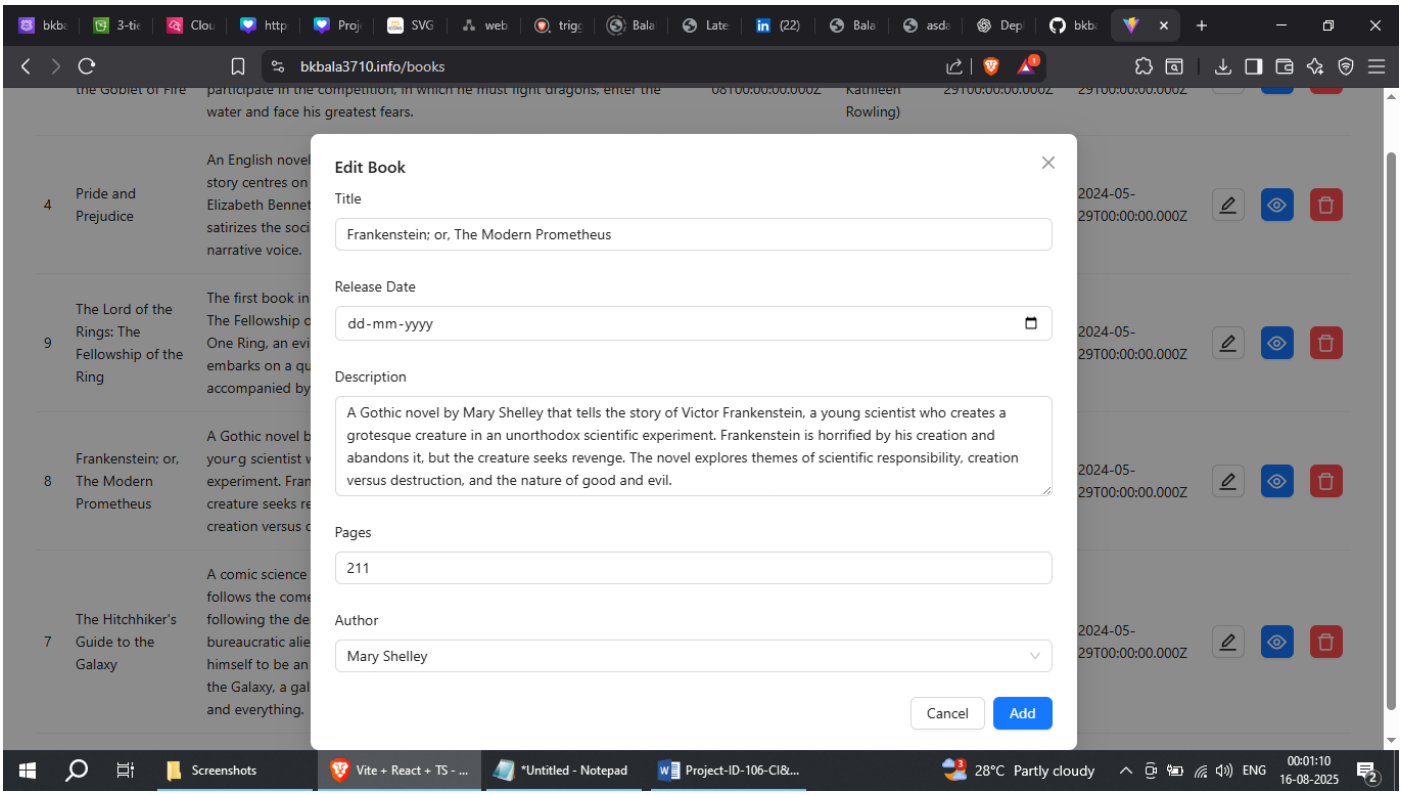
bkbala3710.info/books
Edit Book
Title
Frankenstein; or, The Modern Prometheus
Release Date
dd-mm-yyyy
Description
A Gothic novel by Mary Shelley that tells the story of Victor Frankenstein, a young scientist who creates a grotesque creature in an unorthodox scientific experiment. Frankenstein is horrified by his creation and abandons it, but the creature seeks revenge. The novel explores themes of scientific responsibility, creation versus destruction, and the nature of good and evil.
Pages
211
Author
Mary Shelley
Cancel
Add
4
Pride and Prejudice
9
The Lord of the Rings: The Fellowship of the Ring
8
Frankenstein; or, The Modern Prometheus
7
The Hitchhiker's Guide to the Galaxy
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