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Project ID - 104 - Sample Swiggy Website Deployment CI & CD



 Terraform: Infrastructure as Code (IaC) tool used to provision AWS resources automatically.



 GitHub: Source code repository where application code and Terraform scripts are stored. Branch (Git Branch Icon):
Used for version control and feature branching to trigger
CI/CD pipelines.

Branch



AWS - Region - us-east-1

AWS Cloud Platform



 Docker: Containerizes the application after scanning and verification.
Push to Docker Hub • **Jenkins**: Automation server that triggers pipelines on code push, executes build, test, and deployment stages.



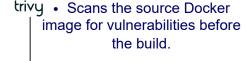


trivy

• **Trivy**: Post-build vulnerability scan of the final Docker image..



• **SonarQube**: Performs code quality analysis and static code checks as part of the CI pipeline.





 Docker: Start the container as a final part of release









• Deployed to live

