

SHAIKH SOHEL

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Profile Summary

DevOps Engineer with Hands-on experience in designing CI/CD pipelines, managing AWS cloud infrastructure, and leveraging containerization technologies. Proficient in infrastructure-as-code, monitoring, and troubleshooting to ensure smooth, scalable deployments.

Projects

DevSecOps CI/CD Pipeline

Tools: Jenkins · Docker · SonarQube · OWASP · Trivy · GitHub · Linux

- Designed and implemented a secure CI/CD pipeline using Jenkins to automate the entire software delivery process, ensuring faster and consistent deployments.
- Integrated SonarQube and OWASP Dependency-Check into the pipeline to perform automated code quality analysis and vulnerability scanning, improving overall code security.
- Utilized Docker for containerizing applications and Trivy for scanning container images, enabling a robust container security framework within the deployment cycle.
- Collaborated through GitHub and operated on Linux environments, ensuring seamless version control, team collaboration, and efficient DevSecOps practices in real-world scenarios.

DevOps CI/CD Project on AWS EC2 (Jenkins + GitHub Integration)

Tools: Jenkins · GitHub · AWS EC2 · Node.js · Docker · Webhooks

- Built an end-to-end CI/CD pipeline using Jenkins and GitHub Webhooks to enable automatic code integration and deployment every time code is pushed to GitHub.
- Deployed a Node.js application on AWS EC2 with Docker containerization, ensuring consistent runtime environments and seamless scalability.
- Integrated GitHub with Jenkins to establish a fully automated build-test-deploy workflow, reducing manual errors and accelerating release cycles.
- Configured Webhooks for real-time automation, making the system event-driven, which significantly improved development efficiency and deployment speed.

Skills

Cloud Technologies: AWS

Continuous Integration Tools: Jenkins

Language/Scripting: Bash, Python

Monitoring Tools: Prometheus, Grafana

Database: MySQL

Container Technologies: Docker, Kubernetes

Infrastructure as Code: Terraform

CICD: ArgoCD, Helm

Version Control: Git, GitHub

Education

BTech in Computer Science and Technology

Dr. Babasaheb Ambedkar Technological University (2024) | CGPA : 8.5/10

Certificates

- Docker Essentials: A Developer Introduction issued by IBM Cognitive Class · July 2025 [🔗](#)
- Python 101 for Data Science issued by IBM Cognitive Class · July 2025 [🔗](#)