

Shaik Nagul Babu

Aspiring AWS DevOps Engineer | Docker | Kubernetes | Jenkins | Terraform | CI/CD | Linux | Cloud Enthusiast

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PROFESSIONAL SUMMARY

Enthusiastic and motivated AWS & DevOps Engineer (Fresher) with hands-on experience in CI/CD automation, cloud deployment, and containerization. Skilled in Jenkins, GitHub Actions, Docker, kubernetes and AWS services (EC2, S3, IAM, CloudWatch). Proficient in build management with Maven and code quality tools like SonarQube and Trivy. Familiar with Terraform, ArgoCd and Python scripting.

INTERNSHIP EXPERIENCE

Mind Circuits Pvt Ltd

Devops Intern

Jun 2025 - Oct 2025

- Gained hands-on experience with AWS services, CI/CD pipelines (Git, GitHub, Jenkins), and Docker containerization.
- Deployed sample applications on Kubernetes (Minikube/EKS) and automated tasks using Ansible.

EDUCATION

Chandigarh University

Bachelors in Computer Science and Engineering - 7.11

August 2022 - May 2025

PROJECTS

End-to-End CI/CD Pipeline with Jenkins, Docker, SonarQube, Trivy & Kubernetes (ArgoCD GitOps) [🔗](#)

Description:

Built a CI/CD pipeline using Jenkins, Maven, SonarQube, and Trivy. Containerized the app with Docker, deployed on Kubernetes, and enabled automated GitOps deployments with ArgoCD.

- Built an automated **CI/CD pipeline** for a Java application using **Jenkins + Maven**.
- Integrated **SonarQube** for code quality checks and automated reporting.
- Containerized the application using **Docker** and pushed images to **Docker Hub**.
- Deployed and managed workloads on **AWS EKS** using kubectl & eksctl.
- Implemented **GitOps with ArgoCD** for automated, version-controlled deployments.
- Ensured smooth **continuous integration, quality validation, and automated delivery** across environments.

Building a Three-Tier Architecture on AWS

Description:

Built a secure and scalable 3-tier architecture on AWS with VPC, EC2, RDS, Auto Scaling, ALB, Route 53, and HTTPS. Configured monitoring with CloudWatch and validated high availability and failover.

- Designed and deployed a secure and scalable **3-tier architecture** (Web, App, DB) on AWS.
- Configured **VPC, subnets, route tables, NAT Gateway, and security groups** for isolation and security.
- Launched **EC2 instances** with IAM roles and implemented **ALB + Auto Scaling** for high availability.
- Used **Amazon RDS** for the database tier with automated backups and multi-AZ failover.
- Configured **Route 53**, enabled **HTTPS** with ACM, and set up **CloudWatch** for monitoring.

SKILLS

Operating Systems: Linux

Cloud Platform: AWS (EC2, S3, IAM, CloudWatch, Route 53, RDS, VPC, ACM, Auto Scaling, ELB)

CI/CD Tools: Jenkins, GitHub Actions

Build Tool: Maven

Container: Docker, Kubernetes

Provisioning tool: Terraform

Repositories: Nexus

Monitoring: AWS CloudWatch, Prometheus, Grafana

Scripting Languages: Shell, Groovy

Version Control: Git, GitHub