

SHAIKH SAIF ANAS

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Summary

Motivated and results-driven DevOps Engineer with a strong foundation in automation, continuous integration, and infrastructure management. I am eager to contribute my skills and knowledge to drive efficiency, reliability, and scalability in IT operations.

Education

Bachelor of Computer Application, Sant Gadge Baba Amravati University

2020 - 2023

- CGPA: 7.97

Skills

AWS | Docker | Terraform | Kubernetes | Jenkins | Ansible | Argo CD | Linux (Debian, RHEL, Alpine) | Git, Github, Github Actions
Nagios |

Work Experience

Internship Studio | DevOps Engineer Intern

(Pune) Oct'24 - Nov'24

- Project Overview: As a member of the DevOps Team, I helped develop and implement a Maven-based web application.
- Created and put into use a Jenkins pipeline for automated deployment, testing, and build Jenkins tasks were set up using build triggers to automate CI/CD.
- Maven was used to build and package the web application, guaranteeing project standardization and dependency management, and made sure the deployment procedure went smoothly by deploying the application on an Apache Tomcat server.
- By automating the entire development and deployment process, 80% less manual labor was required.
- **Technologies used include** Apache Tomcat, Maven, Jenkins, Java, and AWS.

Forge | AWS APAC Solutions Architecture

Dec'24 (Remote)

Virtual Experience program on Forge

- Created a straightforward, scalable Elastic Beanstalk-based hosting architecture for a customer who was suffering rapid growth and a slow response time.
- I explained in simple terms how my proposal architecture would operate and how expenses would be determined to ensure my client understood.

Projects

End-to-End Implementation - Jenkins

Nov'24

Implemented an end-to-end CI/CD pipeline for Java-based applications using Jenkins Declarative pipelines.

- As a part of the pipeline, I have implemented various stages such as Build, Unit Testing, Static Code Analysis, SAST, DAST, Creation of Docker Images, and Deployment on the Kubernetes platform using Argo CD.
- **Technical Stack:** Jenkins, Maven, SonarQube, Git, Bash, SAST, DAST.
- **Containerization and Deployment:** Docker, Kubernetes, Argo CD.

Voting Application - Docker

Sep'23

Deployed a distributed microservices-based voting application with real-time results display.

- **Voting App:** A Python Flask-based front-end where users can cast their votes.
- **Redis:** An in-memory database for temporarily storing votes.
- **Worker:** A .NET service that processes votes from Redis and stores them in a PostgreSQL database.
- **PostgreSQL:** A database used for persistent storage of the votes.
- **Result App:** A Node-based service that displays real-time voting results to users.
- **Technical Stack:** Python Flask, Redis, .NET, PostgreSQL, Node.js, Docker, Kubernetes

Certifications

- AWS Certified Cloud Practitioner
- Introduction to Monitoring Kubernetes