

Nikhil Borse

Software Engineer

An adept Software Engineer with 2.8 years of experience, passionately transitioning towards DevOps and Cloud technologies. Eagerly dedicated to ongoing learning and self-improvement to enhance professional growth. Committed to achieving excellence in development, DevOps, and Cloud domains, while contributing effectively in dynamic environments. Striving for excellence in every endeavor to drive innovation and organizational success.

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WORK EXPERIENCE

Software Engineer

Tata consultancy services

12/2021 - Present

Tasks

- Manage and develop **PostgreSQL** databases, ensuring efficient data handling and migration processes.
- Develop and maintain code using Java and manage version control using **Git**.
- Utilize **Docker** for containerization and Jenkins for **continuous integration/continuous deployment**.
- Handle networking tasks and provide support on **Linux** systems.

PROJECTS

Jenkins-Driven MERN Deployment (04/2024 - Present)

- **Designed and implemented a CI/CD pipeline** for a containerized MERN application using **Jenkins**, enabling automated building, testing, and deployment of microservices.
- **Leveraged AWS services** such as EC2, **ECR**, and CodeCommit to facilitate seamless integration, version control, and deployment of **Docker** images, enhancing scalability and reliability of the application.

AWS-webapp-deployment using Boto3 (03/2024 - Present)

- **Automated AWS Infrastructure Management System** for Web Applications with EC2 instances, Auto Scaling, Load Balancing, Lambda-based Health Checks, S3 Logging & Monitoring, SNS Notifications, and Dynamic Content Handling.
- Includes comprehensive deployment scripts using boto3 for streamlined lifecycle management."
- <https://github.com/Nikb11/aws-webapp-deployment>.

EDUCATION

M.Sc Computer Science

Indira college ,Pune

B.sc Computer Science

DY Patil college, Pune

SKILLS

PL/SQL

JAVA

AWS

DOCKER

LINUX

GITHUB

CI/CD

JENKINS

AZURE

KUBERNETES

PROMETHEUS

GRAFANA

NETWORKING

DATABASE MANAGEMENT

CERTIFICATES

Microsoft Azure Fundamentals (06/2024 - Present)

Microsoft Azure Administrator Associate
(04/2023 - Present)