

Santosh Kumar

Devops engineer



Personal details



Santosh Kumar



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Key Skills

Languages/Framework : Java, Spring Boot, Hibernate, Spring Cloud & Eureka Server, Microservices

Databases : Maria DB, PostgreSQL, MongoDB, AWS RDS, MySQL

APIs & Tools : REST API, Swagger, Postman, JMeter

Cloud Platforms: AWS(IAM,EC2, S3, RDS,ECR, ECS,)

DevOps Tools: Jenkins(Maven, CI/CD Pipelines) Docker(Docker-Compose, Docker-Volume) Git/GitHub, Apache Tomcat

Monitoring & Observability : Prometheus, Grafana

Project Management : GitHub Organization, Atlassian Jira Software

Operating System : Ubuntu Linux

Profile

A highly motivated and multi-skilled Computer Science student with hands-on experience across diverse domains including DevOps, Mobile App Development, Data Analysis, and AI using Python. Proven ability to learn quickly and contribute effectively in fast-paced environments.

Education

Bachelors Of Computer Application(B.C.A)
Sai Nath University, Ranchi, Jharkhand

Aug 2022 - May 2025

+2 High School
JAC Board, Atka, Giridih, Jharkhand

Mar 2020 - Jun 2022

Courses

Mobile App Development intern |
TECHSTERN SOLUTION RANCHI
Aug 2024 - Nov 2024

AI & PYTHON | BRIZTECH INFOSYSTEMS
PVT.LTD RANCHI
Jan 2025 - May 2025

Devops | BRIZTECH INFOSYSTEMS PVT.LTD
RANCHI
Apr 2025 - Oct 2025

Projects

Project: DevOps-Demo-Employee-Management-API-Project (CI/CD Automated)
Role: DevOps Engineer
Tech Stack: Spring Boot, Hibernate, REST API
Tools: Jenkins, Docker, ECS, EC2, Postman, JMeter, Swagger, AWS RDS, MariaDB, PostgreSQL
GitHub: <https://github.com/santoshkumar711/DevOps-Demo-Employee-Management-API-Project>

- Developed the **Employee Management API** using **Spring Boot** and **Hibernate** with database integration on **AWS RDS (MariaDB & PostgreSQL)**
- Automated deployment on **AWS EC2** and **Docker containers** using **Jenkins** pipelines.
- Deployed the same application on **AWS ECS** for **container orchestration** and improved **scalability**.
- Performed **API testing** using **Postman**, **Swagger**, and **JMeter** to validate REST endpoints and ensure reliable deployments across environments.