

Kaigala Bala Venkata Subramanyam

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Career Objective

AWS DevOps Engineer with hands-on experience in CI/CD pipelines, cloud automation, containerization, and infrastructure management. Seeking a role to enhance deployment reliability, scalability, and operational efficiency.

Technical Skills

Programming: Java, Python, HTML, CSS, Bash

Frameworks: Spring Boot, Spring Security, Spring Data JPA, React.js, Bootstrap

Cloud: AWS (EC2, IAM, VPC, ELB, ASG, S3, Lambda, RDS)

CI/CD Tools: Jenkins, GitHub, AWS CodePipeline

Containers: Docker, Kubernetes

Monitoring: Prometheus, Grafana

OS: Linux, Windows

Additional Skills: Good Communication, API Testing (Postman), Maven, MySQL

Projects

Credit Card Fraud Detection

Technologies: Python, Machine Learning

- Built a predictive ML model to classify fraudulent vs legitimate credit card transactions.
- Applied data preprocessing, feature engineering, and cross-validation to improve accuracy.

Healthcare and Wellness Management System

Technologies: Java, Spring Boot, Spring Security (JWT), Spring Data JPA, React.js, MySQL

- Developed a full-stack healthcare platform enabling patient registration, appointment booking, and doctor profile management.
- Built REST APIs with Spring Boot using JWT authentication and role-based access control.
- Integrated React.js frontend with backend services using Axios for seamless UX.
- Managed relational data with Spring Data JPA and MySQL; optimized testing using H2.
- Implemented unit and integration tests using JUnit and Mockito.
- Performed API debugging with Postman; used GitHub and Maven for builds and version control.

Internship

AWS DevOps Intern

Oct 2024 – Mar 2025

SocialTek AI & ML Business Solutions Pvt Ltd, Hyderabad

- Contributed to automation, CI/CD pipelines, cloud provisioning, and deployment operations.
- Collaborated with engineering teams to maintain scalable and reliable AWS environments.

Education

B.Tech in Information Technology

2020 – 2024

SRKR Engineering College, Bhimavaram

CGPA: 6.8

Certifications

- AWS Academy Graduate – Cloud Foundations
- AWS Academy Graduate – Data Engineering
- AWS Academy Graduate – Machine Learning Foundations
- HackerRank Python (Basic)