

AKHIL REDDY BEERAVOLU

Full Stack Software Developer

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SUMMARY

Full Stack Software Developer with over 5 years of experience in designing and deploying scalable, secure, and high-performing web applications across banking, enterprise software, and CRM domains. Proven expertise in microservices architecture, AWS cloud infrastructure, modern front-end frameworks, and DevOps automation. Strong in Agile methodologies and test-driven development (TDD), with a commitment to delivering maintainable and efficient solutions.

TECHNICAL SKILLS

Cloud: AWS (EC2, S3, Lambda, RDS, CloudFormation, IAM, EKS), Azure, Google Cloud Platform (GCP)

Databases: MySQL, Oracle, MongoDB, DynamoDB, SQL Server

DevOps: Docker, Jenkins, Kubernetes, GitHub Actions, Artifactory, Terraform

Frameworks: Spring Boot, Spring Cloud, Hibernate, ReactJS, Angular, NodeJS

Frontend: HTML5, CSS3, Bootstrap, RxJS, Redux/NgRx

Languages: Java, Python, TypeScript, JavaScript, SQL, PL/SQL, C++

Messaging/Event-Driven: Apache Kafka, RabbitMQ, gRPC, GraphQL

Testing: JUnit, Mockito, Selenium, Jasmine, Postman, SonarQube

Tools: Git, Jira, Confluence, Apigee API Gateway

PROFESSIONAL EXPERIENCE

Full Stack Developer

Jun 2024 - Present

Citi Group

- Designed and implemented fraud detection microservices using Java 11, Spring Boot, and Kafka, enabling real time monitoring and alerts. Built responsive UI dashboards using Angular and TypeScript, enhancing fraud visibility and review workflows. Integrated OAuth and JWT
- based security for APIs; implemented gRPC for efficient inter
- service communication. Deployed services on AWS EKS with automated CI/CD using Jenkins and GitHub Actions. Collaborated with cross
- functional teams to define technical requirements and ensure alignment with compliance goals. Implemented caching strategies using Redis to reduce API response times by 35%. Optimized database performance through query tuning and index management in Amazon RDS. Participated in sprint planning, backlog grooming, and code reviews in Agile Scrum environment.

Software Developer

May 2021 - Dec 2022

Oracle Corporation

- Developed backend services in Spring Boot and Hibernate to support internal Oracle platforms. Created RESTful APIs and integrated with Apigee for secure access and analytics. Built UI interfaces with ReactJS and Redux; containerized services via Docker and deployed on AWS. Automated testing with Selenium, Jasmine; maintained CI/CD with Jenkins and AWS CodePipeline. Integrated enterprise
- grade logging using ELK stack to enhance observability and troubleshoot production issues. Built reusable service templates and component libraries to accelerate development across teams. Worked with QA to design test plans and resolve production bugs, reducing defect leakage by 30%. Participated in knowledge transfer and mentoring sessions for junior developers.

Software Engineer

Apr 2018 - Apr 2021

Techasoft Pvt Ltd

- Built and deployed CRM platform modules with Spring Boot, Angular 8, and AWS services. Integrated REST and SOAP APIs; secured endpoints using OAuth 2.0 and JWT. Managed microservices using Docker, Kubernetes, and Elastic Beanstalk. Wrote complex SQL queries and optimized NoSQL storage in MongoDB. Designed scalable authentication and role
- based access control modules. Conducted unit and integration testing using JUnit and Selenium, ensuring high

- quality code. Set up monitoring and alerting for critical services using CloudWatch and Prometheus. Delivered weekly builds, managed git branches, and resolved merge conflicts as part of CI/CD.

PROJECTS

No projects added yet

EDUCATION

Webster University	- Dec 2024
Master of Science in Data Analytics	
Jawaharlal Nehru Technological University	- May 2017
Bachelor of Technology	