

# AKHIL REDDY BEERAVOLU | Full Stack Software Developer

Carrollton, TX | +1 314-502-9138 | [akhilreddy4509@gmail.com](mailto:akhilreddy4509@gmail.com) | <https://www.linkedin.com/in/akhil-reddy-a453b3ar>

## 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

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

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

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

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

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

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

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

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

**Tools:** Git, Jira, Confluence, Apigee API Gateway

## PROFESSIONAL EXPERIENCE

### Full Stack Developer | Citi Group, USA

Jun 2024 – Present

- 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 | Oracle Corporation, Bangalore, India

May 2021 – Dec 2022

- 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 | Techasoft Pvt Ltd, Bangalore, India

Apr 2018 – Apr 2021

- 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.

## EDUCATION

Master of Science in Data Analytics

Webster University, Saint Louis, MO, USA

Dec 2024

Bachelor of Technology

Jawaharlal Nehru Technological University, Hyderabad, India

May 2017