

GOWTHAMI LAKKOJU

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SUMMARY

Full Stack Java Developer with 4+ years of experience designing and delivering cloud-native enterprise applications across finance and healthcare domains. Skilled in Java, Spring Boot, React.js, Angular, and microservices, with strong expertise in CI/CD pipelines, containerized deployments, and API-first design. Hands-on with AWS (EKS, S3, Lambda, API Gateway) and Azure (App Services, Blob Storage, AKS), driving scalable solutions that improve system reliability, latency, and time-to-market by up to 40%. Proficient in Kafka, RabbitMQ, and Redis caching for high-throughput, real-time processing. Adept at Agile/Scrum collaboration, delivering secure, high-availability applications with OAuth2, JWT, and Spring Security.

SKILLS

- Programming & Scripting:** Java, JavaScript, TypeScript, SQL
- Frontend Development:** React.js, Angular, HTML5, CSS3, Tailwind CSS, Bootstrap, Material UI, Responsive Design
- Backend Development & APIs:** Spring Boot, Spring MVC, Spring Cloud, Hibernate, JPA, REST APIs, GraphQL, gRPC, Microservices
- Databases & Storage:** PostgreSQL, MySQL, Oracle, MongoDB, Redis, Azure Blob Storage
- Cloud & DevOps:** AWS (EC2, EKS, S3, Lambda, API Gateway, RDS, SQS, SNS), Azure (AKS, App Services), Docker, Kubernetes, Jenkins, GitLab CI/CD, Azure Pipelines, Helm, Ansible
- Messaging & Streaming:** Apache Kafka, RabbitMQ, ActiveMQ, WebSockets, Server-Sent Events
- Monitoring & Logging:** ELK Stack (Elasticsearch, Logstash, Kibana), Prometheus, Grafana, Splunk
- Version Control & Tools:** Git, GitHub, Bitbucket, Maven, Gradle, IntelliJ IDEA, Eclipse, Postman, Swagger (OpenAPI)
- Authentication & Security:** Spring Security, OAuth2, JWT, Role-Based Access Control

EXPERIENCE

Synchrony Financials

Dec 2023 – Current

Full Stack Developer

- Designed and deployed **Spring Boot microservices** for loan origination and onboarding, reducing processing time by **35%**.
- Built **Angular UI components** with Material UI & Bootstrap, improving **cross-device performance & accessibility compliance**.
- Integrated **REST APIs** with external credit bureaus and internal CRM, enabling **real-time credit scoring and fraud checks**.
- Configured **AWS S3 + CloudFront** for encrypted storage and delivery, reducing document retrieval latency by **40%**.
- Engineered a **Redis caching layer** that reduced API response time for frequent queries by **45%**.
- Applied **Spring Security with OAuth2**, strengthening role-based authentication & achieving **zero unauthorized API access**.
- Automated CI/CD pipelines with **GitLab CI**, cutting deployment cycle time for 20+ microservices by **50%**.
- Developed **JUnit/Mockito unit tests**, increasing automated code coverage to **95%+** and reducing production defects by **25%**.
- Managed PostgreSQL schema with **Flyway migrations**, streamlining version control and eliminating **manual database errors**.
- Authored **Swagger API documentation**, improving onboarding efficiency for frontend and partner integration teams by **40%**.

Capri Global

Oct 2019 – Jul 2022

Full Stack Developer

- Developed **Spring Boot REST APIs** for patient scheduling, provider availability & health records, improving request throughput.
- Built **React.js front-end with Tailwind CSS**, ensuring responsive design and reducing mobile load times by **40%**.
- Modeled **MongoDB collections** for patient data, enabling scalable storage that supported **appointment logs** across platforms.
- Implemented **GraphQL APIs with Apollo Server**, optimizing queries and cutting client response times by **35%**.
- Integrated **RabbitMQ + WebSockets** for real-time appointment notifications, reducing missed confirmations by **25%**.
- Secured patient data with **OAuth2/JWT authorization** and HIPAA-compliant logging, ensuring **100% audit compliance**.
- Designed encrypted file uploads with **Azure Blob Storage**, safeguarding prescriptions and reports for **50K+ users**.
- Conducted **code reviews with GitHub Actions + SonarQube**, reducing critical defects in production by **35%**.
- Created **Swagger/OpenAPI documentation**, streamlining partner integrations and reducing onboarding time by **50%**.
- Drove Agile sprint demos and stakeholder reviews, ensuring delivery of **95%+ committed features each sprint**.

EDUCATION

Master of Science, Computer Science

Aug 2022 - May 2024

Florida Institute of Technology

Bachelor of Technology, Computer Science

Jul 2017 - Jun 2021

Malla Reddy Institute of Engineering

CERTIFICATION

- Software Engineering-JP Morgan & Chase**