

Gokul Gopalakrishnan Kumari Renuka

Dallas, Texas, 75252; (214) 899-2340; gokulgk1200@gmail.com

<https://www.linkedin.com/in/gk-gokul>, <https://github.com/GKcodebase>

SUMMARY

Software Engineer with 5+ years of experience designing innovative solutions, developing and testing distributed systems, edge computing, cloud platforms, and desktop applications. Expertise in Java, Spring Boot, Microservices, AWS, Azure, React/Next.js, and team management. I possess strong communication, problem-solving, and adaptability skills and have a proven track record in leading and managing teams.

SKILLS

Programming Languages: Java, Python, JavaScript, C, C++, NodeJs, SQL, HTML, CSS, R

Frameworks and Libraries: Spring Boot, React, Angular, Kafka, Spark, Hive, Hibernate, Jax-Rs

Cloud Platforms: AWS, Azure, Walmart cloud-native platform

DevOps Tools: Docker, Kubernetes, Jenkins, Git, Github, CI/CD, **APIs:** RESTful APIs

Databases: MySQL, PostgreSQL, MongoDB, H2, Amazon DynamoDb, Azure Cosmos

Software Development Methodologies: Agile, Scrum, Jira, Project management (Google Certified Project Management)

Testing and Debugging: JUnit, Selenium, JMeter, Performance Testing Postman, Debugging, Manual Testing

Soft Skills: Communication, Teamwork, Problem-Solving, Adaptability, Team Management, Attention to Detail, Critical Thinking, Creativity, Innovation

PROFESSIONAL EXPERIENCE

Walmart, Bangalore, India

July 2022 – August 2024

Software Development Engineer III

Project: Digital messaging platform for Walmart Health and Wellness: Asynchronous Messaging platform for all outbound/2-way communication from Walmart Health and Wellness.

- Developed a distributed log tracing system in Java and Cosmos, reducing debugging time by 60%
- Created a one-click UI tool using Next.js, reducing message onboarding time by 70%
- Led Scrum team as additional role, increasing velocity by 30% by implementing agile best practices and earning BRAVO award
- Streamlined SDLC processes, reducing project spillover by 20%

ThermoFisher Scientific, Bangalore, India

July 2019 – July 2022

Software Development Engineer II

Project: LabEdge, edge computing project: Connecting devices in the lab to the cloud via physical device.

- Designed AWS-based Gateway and device management system, increasing efficiency by 30%
- Developed a secure login and file transfer system.

Software Development Engineer I

Project: Connect Transfer, Desktop based IoT application

- Implemented file transfer system, which was used in 90% of ThermoFisher labs during COVID-19
- Integrated various devices and protocols with AWS, increasing the user base by 40%

EDUCATION

The University of Texas at Dallas

May 2026

Master of Science, Information Technology and Management

Dean's Excellence scholarship

National Institute of Technology, Calicut, India

May 2019

Bachelor of Technology, Electronics and Communication Engineering