

Gokul Gopalakrishnan Kumari Renuka

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<https://github.com/GKcodebase>

EDUCATION

The University of Texas at Dallas

Master of Science, Information Technology and Management
Dean's Excellence scholarship

May 2026

National Institute of Technology, Calicut, India

Bachelor of Technology, Electronics and Communication Engineering

May 2019

GPA 3.13

SKILLS

Programming. : Java, JavaScript, Python, C/C++

Databases. : MySQL, Azure Cosmos, PostgreSQL, AWS DynamoDB, H2

Backend. : Spring, Spring Boot, Microservices, Kubernetes, Kafka, Docker, Distributed Computing, IoT

Frontend : NextJs, Angular

Cloud Service. : Amazon Web Service, Azure, Walmart Cloud Native platform

Agile. : Scrum, Agile, Project management (Certified in Google Project Management)

PROFESSIONAL EXPERIENCE

Walmart, Bangalore, India

July 2022 – August 2024

Software Development Engineer III

Project: Digital messaging platform for Walmart Health and Wellness.

- Developed a distributed log tracing system, which reduced the debugging time by 60%.
- Conceptualized, designed, and developed a one-click UI tool that reduced onboarding new message time by 70%; learned NextJs from scratch.
- As a scrum master at Walmart (an additional role for nine months), led the team to increase velocity by 30%, reduced slippages, and was recognized with the BRAVO award.
- Worked with project managers, product owners, and business and engineering teams and streamlined scrum, agile processes, SDLC, and deliverables, reducing spillover by 20%.

ThermoFisher Scientific, Bangalore, India

July 2019 – July 2022

Software Development Engineer II

Project: LabEdge, edge computing project

- Designed and implemented AWS-based Gateway and device management, a crucial component that enabled clients to do remote lab management and increased efficiency by 30% in the LabEdge project.
- Developed a login system and secure file transfer for the edge modules with 100% traceability.
- Collaborated with lab scientists, technicians, and software architects to analyze and derive solutions for the lab edge program, which reduced the budget by 20% from the previous iteration.

Software Development Engineer I

Project: Connect Transfer, Desktop based IoT application

- Implemented a file transfer system, which was used in 90% of ThermoFisher labs during COVID-19.
- Integrated serial, network, and devices with protocols like OPC-UA, MQTT, etc., with AWS through the desktop application, which increased the number of users by 40%.

ADDITIONAL INFORMATION

Languages: Malayalam, Hindi