

Gokul Gopalakrishnan Kumari Renuka

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EDUCATION

The University of Texas, Dallas

MS Information Technology and Management

CGPA - 4.0

August 2024 – May 2026

Dean Excellence scholar, Product Base Club, AWS UTD Club Memeber

National Institute of Technology, Calicut, India

B.Tech Computer Engineering

CGPA - 3.2

June 2015 – May 2019

EXPERIENCE

Walmart

Software Development Engineer 3

July 2022 – August 2024

Benagluru, IN

Full Stack Developer and Scrum Master for a digital messaging platform, Walmart Health and Wellness.

- Spearheaded the development of a distributed **log tracing system**, achieving a **60%** reduction in debugging time and significantly enhancing operational efficiency.
- **Conceptualized and devised a one-click UI tool** using Figma wireframes, reducing the onboarding time for new messages by **70%**; **self-taught NextJs** to accomplish this project.
- Led the team as a **Scrum Master for three quarters**, increasing team velocity by **30%** and reducing project slippages, earning the prestigious **BRAVO** award for outstanding leadership.
- Collaborated with project managers, product owners, and cross-functional teams to streamline scrum and agile processes, **reducing spillover by 20%** and ensuring timely deliverables.

ThermoFisher Scientific

Software Development Engineer 2

July 2019 – July 2022

Benagluru, IN

Contributed to the Labedge program, enabling lab instruments to connect to the cloud through a physical gateway device, integrating cloud and edge components on physical devices for seamless data management.

- Created an **AWS**-based gateway and device management system, enhancing efficiency by **30%** and streamlining lab instrument connectivity to the cloud.
- Developed edge modules using the OSGi framework, completing the project in record time and **enhancing efficiency** with legacy systems by **30%**.
- Built a **secure login** and **file transfer system**, improving data security, privacy and access management by 40%

Handled development of desktop IoT applications, ensuring high-quality software performance.

- Contrived a file transfer system that became **pivotal during COVID-19**, utilized in 90% of Thermo Fisher labs, enhancing operational efficiency.
- Integrated diverse devices and protocols with AWS, resulting in a **40% increase in the user base**, showcasing expertise in cloud solutions and device compatibility.

SKILLS

Programming

Java, JavaScript, Python, C/C++, R, HTML, CSS

Frameworks

Spring, Spring Boot, NextJs, Angular, REST, FastApi

Cloud

AWS, Azure, Kubernetes, Docker, Prometheus, Grafana

Databases

SQL, MySql, Azure Cosmos, PostgreSQL, H2, MongoDB

Other Tools

Ms Project, Figma, Jira, Confluence, Miro board, Jenkins, Splunk

PROJECTS

AI Educational Assistant

Designed a multi-modal AI assistant with personalized and adaptive content generation

Intel Tiber AI Cloud Hackathon

Configurable data crawler.

Configurable data crawler which can pull data from cloud, based on given configuration

UT Dallas