

K Mallikarjuna Reddy

Bangalore, India

Email: mallikarjunareddykanala2003@gmail.com

Phone: +91 7816090164

LinkedIn: [linkedin.com/in/kmallikarjunareddy/](https://www.linkedin.com/in/kmallikarjunareddy/)

Objective

Motivated and detail-oriented recent graduate with a strong foundation in AI, IoT, and data analytics, seeking an entry-level role in asset monitoring and predictive analytics. Eager to contribute technical skills and innovative thinking to enhance operational performance and asset health at AssetSense.

Education

Mohan Babu University – Sree Vidyanikethan Engineering College, Tirupati
Bachelor of Technology in Computer Science (Internet of Things Specialization)
Expected Graduation: 2025

Technical Skills

- **Programming Languages:** Python, Java, APEX, SOQL
 - **Cloud Platforms:** AWS, Google Cloud Platform (GCP), Azure
 - **Salesforce Platform:** LWC, Flows, Triggers, APIs, Salesforce Administration
 - **Databases:** SQL, MongoDB
 - **Version Control & CI/CD:** Git, Jenkins, Salesforce DX
 - **Machine Learning:** TensorFlow, NLP, Data Mining
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Relevant Experience

KMSIgnites.dev – Founder, Backend Engineer
March 2023 – Present

- Designed and implemented scalable microservices using Golang for SaaS applications, ensuring high availability and multi-tenancy support.
- Managed containerized applications using Docker and deployed microservices on Kubernetes clusters, achieving improved efficiency in resource allocation and reliability.
- Integrated Grafana and Prometheus for monitoring and visualizing system metrics, improving observability and performance tuning of backend services.
- Collaborated with a global team to enhance application robustness, reduce latency, and troubleshoot issues using logging and tracing tools.

Salesforce Developer Intern – Smart Internz

June 2024 – August 2024

- Configured and enhanced Salesforce apps using APEX, SOQL, LWC, flows, and validations, adhering to Salesforce best practices.
- Developed custom solutions for CRM support, including automated workflows for customer support agents and sales teams.
- Participated in design sessions, documented technical specifications, and contributed to continuous improvement initiatives, helping to reduce technical debt.
- Conducted high-level and low-level design analysis, focusing on feature delivery and customer issue resolution.

Cloud & Distributed Systems Intern

June 2024 – August 2024

- Developed and deployed serverless solutions using AWS Lambda and API Gateway, improving response times for client-facing applications.
 - Contributed to the development of telemetry ingestion pipelines, implementing logging and monitoring with OpenTelemetry and Grafana for traceability and performance analysis.
 - Assisted in maintaining CI/CD pipelines to streamline deployment processes, enabling faster and more efficient code integration across teams.
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Project Experience

Distributed IoT Monitoring System

- Built a cloud-based, distributed monitoring system for IoT devices using Golang for backend services and Kubernetes for orchestration.
- Integrated real-time telemetry ingestion and alerting mechanisms with Prometheus and Grafana, enhancing observability and incident response times.

IoT-Based Water Purification System Powered by Solar Panels

- Designed a sustainable water purification system using IoT sensors to monitor and improve water quality in real time.
- Integrated solar panels to power the purification system, reducing energy consumption and providing an eco-friendly solution.
- Created a dashboard to display key metrics (e.g., water quality, purification levels) to allow remote monitoring and control.

AI Chatbot Services for Local Market Web Platforms

- Developed cost-effective AI-powered chatbots to improve customer interaction for small businesses and local markets.
- Deployed custom-built chatbots for common queries, reducing response time and enhancing customer satisfaction.
- Integrated NLP techniques to understand customer intent, enabling automated responses for frequently asked questions at a lower cost.

Gym & Yoga Equipment Rental Service

May 2024 - Present

- Designed a rental service model inspired by OAO (Online Accommodation Operators) to provide accessible gym and yoga equipment rentals for post-COVID fitness needs.
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Certifications

- **Google Cloud Associate Cloud Engineer** – Expertise in cloud infrastructure, networking, and security best practices.
 - Oracle cloud 2024 Generative AI certified
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Additional Skills

- **Problem Solving:** Skilled in debugging complex distributed systems and implementing robust solutions.
 - **Collaboration:** Excellent team collaboration skills with a focus on inclusive and cross-functional communication.
 - **Coding Practices:** Adept at writing clean, industry-standard code, and passionate about continuous learning.
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Extracurricular Activities

- **Tech Talks Organizer:** Organized and hosted sessions on cloud computing and observability tools, contributing to a campus-wide knowledge-sharing community.
 - **GitHub Contributor:** Active contributor to repositories focused on Kubernetes and Golang microservices, sharing open-source tools and utilities for observability.
 - **Gym and Influencer**
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References

Available upon request.