

# NALLAMILLI UMA NAGA GANESH REDDY

Software Developer

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## Summary

Full-stack engineer specialising in AI-assisted health tech and ONDC commerce platforms, with 3 years of experience building scalable backend systems using Golang and Spring Boot, and developing RAG pipelines, LangChain agents, and production-grade APIs with Node.js and React.

## Experience

### Software Developer

**UnitedForHer** June 2025 - Present Gurugram

- Built and maintained a wrapper API over RAG + LLM services to power AI-assisted prescription generation in Clinical Copilot (CCOP).
- Developed and enhanced an expert dashboard for doctors to schedule and manage patient appointments, incorporating functionalities like patient profile management, session handling, and communication features.
- Implemented dynamic letter templates with variable-based clinical data insertion, live preview, and PDF export to streamline clinician workflows end-to-end.

### Software Developer

**Shayr Omnichannel Private Limited (Adya)** Aug 2023 - Feb 2025 Hyderabad

- Designed and deployed autonomous multi-agent orchestration systems using LangChain and OpenAI APIs, reducing client application development cycles by 23%.
- Engineered scalable microservices and no-code UI components for an enterprise-grade agent configuration platform, enabling seamless ONDC integrations and automated business workflows across retail and logistics clients.

### Software Developer Intern

**Shayr Omnichannel Private Limited (Adya)** May 2023 - July 2023 Hyderabad

- Built core modules for Buyer and Seller applications as part of the Adya protocol layer, enabling seamless ONDC-based transactions.
- Developed foundational backend components to support interoperability across multiple ONDC-compliant platforms for buyers and sellers.
- Delivered MVP within 6-week timeline by building and iterating on core API and data-mapping modules for retail and logistics domains.

### Software Developer Intern

**Eunimart Omnichannel Private Limited** Dec 2022 - April 2023 Hyderabad

- Engineered and scaled RESTful APIs in Python and Node.js for a cross-border e-commerce SaaS platform, supporting seamless international operations for SMEs.
- Developed AI-powered solutions for catalog management and dynamic pricing, enhancing operational efficiency and reducing manual effort in global sales workflows.

## Key Achievements

### Grew into AI Backend Ownership

Led backend integration of LLM-based AI features, reducing response latency by 18% and improving user interaction efficiency.

### Advanced from Intern to Core Engineer

Took full ownership of multi-agent microservices within 3 months of joining full-time, reducing deployment turnaround time by 27%."

### Expanded from API Contributor to System Builder

Built ONDC-integrated backend systems handling 5k+ transactions/day, improving platform interoperability and reliability.

## Skills

React.js, React Native, JavaScript (ES6+), TypeScript, Tailwind CSS, Redux

Node.js, Express.js, SpringBoot, GoLang, REST APIs, Microservices Architecture

LLM Integration (OpenAI APIs), LangChain, Agent Orchestration, RAG Pipelines, Tool Calling Agents

MongoDB, MySQL, Redis

## Education

Bachelor of Technology - Computer Science - 7.3/10 CGPA

Swarnandhra College of Engineering and Technology

2019 - 2023