Gogularamanaa S

Software Engineer – GenAI & Python Backend

Karaikudi, Tamil Nadu, India | +91 91504 54552 | gogularamanaa@gmail.com | linkedin.com/in/gogularamanaa | github.com/7177821l212

Professional Summary

Software Engineer with 1+ years of experience in Python backend and GenAI engineering. Skilled in agent orchestration with LangGraph, retrieval-augmented generation (RAG) with PostgreSQL/pgvector, and LLMs including Gemini and Claude on Vertex AI. Experienced in FastAPI microservices, gRPC, REST APIs and full-stack development with Angular, React and Node.js on Google Cloud. Strong in test automation with Playwright, pytest and Vitest. Google Cloud Certified Professional Cloud Developer.

Skills

Languages: Python, JavaScript, SQL, Java

GenAI & LLM: LangGraph, LangChain, RAG, pgvector, Gemini, Claude, Vertex AI, Azure AI Document Intelligence, Agentic AI

Backend: FastAPI, Microservices, gRPC, REST APIs, Backend-for-Frontend (BFF), Permit.io, Node.js, Express.js

Integrations: QuickBooks Online (QBO), Zoho Books

Frontend & Mobile: Angular, React.js, React Native, HTML, CSS

Cloud & Databases: Google Cloud Platform (GCP), gcloud CLI, PostgreSQL, MongoDB, MySQL

Testing & Tools: Playwright, pytest, Vitest, End-to-End (E2E) Testing, Git, GitHub

Work Experience

Freelance Full Stack Developer
Self-employed | Remote | Sep 2026

- Designed, built and deployed Lend-Book, a single-tenant mobile app for a lending business that manages loans and interest for 100+ of its customers. Owned development and deployment on Google Cloud end to end, delivered in two weeks.

SDE-1
Genworx.ai | Chennai, India | Aug 2025 – Present

- Built DAMS, a headless document-intelligence platform for contracts, invoices and almost any business document type, parsing with Azure AI Document Intelligence and extracting with Gemini and Claude on Vertex AI.
- Orchestrated summarization, table-processing and image-processing agents with LangGraph, using RAG over PostgreSQL/pgvector for inference.
- Engineered parallel, worker-based batch processing, handling 10 documents per batch concurrently.
- Built the connector layer in the backend-for-frontend (BFF) that routes requests over gRPC to downstream microservices (auth, connector service, DAMS, FinopsIQ). Implemented authorization with Permit.io in the auth service. Contributed the QuickBooks Online and Zoho Books integrations to the connector service.
- Led a team of 2 engineers to build the organization-wide testing framework (Vitest, pytest, Playwright E2E), with shared Playwright libraries and tag-enforcement standards, now used across the organization. Automated E2E testing across 2 projects, covering 15+ modules with Playwright.

Associate Software Engineer Intern
Genworx.ai | Coimbatore, India | Mar 2025 – Jul 2025

- Built full-stack applications on the MEAN stack (MongoDB, Express.js, Angular, Node.js) and Google Cloud, including AI-integrated workflows.

Projects

- **Lend-Book** | React Native, FastAPI, PostgreSQL, GCP – Mobile app that records money lent to each customer and tracks the interest owed, with a FastAPI REST backend and a PostgreSQL database.
- **FinopsIQ** | Genworx.ai | Python, DAMS – Real-time invoice processing system for accounts payable and receivable (AP/AR). Processed 500 invoices in a single run for one client.
- **RFID Door Locking System** | Arduino Uno, Embedded C – Built an RFID access-control prototype with card and tag authentication.

Education

B.E., Electronics and Communication Engineering
Karpagam College of Engineering, Coimbatore | 2021 – 2025 | CGPA: 7.50/10

Certifications

- Google Cloud Certified – Professional Cloud Developer | Oct 2026 – Oct 2028
- MERN Stack – Udemy