

Abishek M

| AI, Fullstack & Cloud Solutions Engineer

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FLAGSHIP PROJECT

SELF-HOSTED AGENTIC AI DEVELOPMENT ENVIRONMENT | SELF-INITIATED

PROJECT

Aug 2025

- Achieved a persistent, self-hosted AI coding assistant environment by deploying quantized LLMs (Gemma 3, GPT-OSS, Codestral) on E2E Networks NVIDIA V100 with Ubuntu 22.04.
- Integrated MongoDB & Qdrant for real-time logging, automated GCP backups with cron jobs, and connected to Zed editor for coding assistance — completed in 3 weeks.

SELECTED PROJECTS

MEDICAL INSURANCE DOCUMENT CONVERSATIONAL BOT | ORG USE CASE

Apr 2025

- Enabled natural Q&A over uploaded insurance docs by implementing OCR (Tesseract/EasyOCR), parsing outputs, and passing context to LLM via Gemini API.
- Supported voice inputs and stored parsed data as JSON in MSSQL — built in under 3 weeks.

ELEVENLABS VOICE AGENTS | ORGANIZATION PROJECT

May 2025

- Automated EBV calls to insurance providers and dental appointment booking by building AI-powered voice agents, reducing receptionist workload by 60% within 1 month.

REACT-BASED HRMS DASHBOARD & ATSV3 MODULE | ORGANIZATION PROJECT

Mar-Jul 2025

- Developed SPA dashboard using TailwindCSS/DaisyUI; implemented ATSV3 with reducer, singleton class, and state management — reduced code redundancy and improved maintainability.

CERTIFICATIONS

- AWS Certified Cloud Practitioner (CLF-C02) – 2025
- Microsoft Learn – Azure AI Foundry, Power Automate Fundamentals
- Datacamp – LLaMA 3 & Data Science Basics

OTHER HIGHLIGHTS

- Completed N8n Level-1 course; deployed via Docker and created automation workflows.
- Hands-on with GitHub Copilot & AWS Kiro for over 6 months.
- Designed process flows in Lucidchart, Draw.io, and PPT.
- Actively follow AI/Dev trends via Substack, AIE YouTube, LangChain events.

SKILLS

LANGUAGES

- Python • JavaScript • SQL
- HTML • CSS

FRAMEWORKS/TOOLS

- React.js • Node.js • Flask
- FastAPI • Docker • Kubernetes
- Celery • LangChain/LangGraph • N8n • TailwindCSS

CLOUD/AUTOMATION

- AWS • GCP • E2E Networks
- Power Automate • Metabase
- Apache Superset

DATABASES & OTHER

- MongoDB • MySQL • MSSQL
- Qdrant • Redis • OCR • Voice Agents

EDUCATION

ST. JOSEPH'S INSTITUTE OF TECHNOLOGY

BACHELOR'S IN COMPUTER SCIENCE

Aug 2022 - Present | OMR, Chennai

Cum. GPA: 7.55 / 10

APOLLO POLYTECHNIC COLLEGE

DIPLOMA IN COMPUTER SCIENCE AND ENGINEERING

June 2019 - May 2022 | Chennai

Percentage: 92 / 100

BADGES

