

Thouseef Hamza T P

AI Developer | LLM Applications | Full Stack Developer

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Summary

Full-stack engineer specializing in **LLM-powered applications, agent workflows, and scalable backend systems**. Experienced in building **multi-tenant SaaS platforms**, integrating **LangChain/LangGraph pipelines**, and **implementing RAG architectures with vector databases**. Strong expertise in distributed systems, async processing, and **production-grade AI integrations**.

Skills

- **AI / LLM Stack:** LangChain, LangGraph, RAG Pipelines, Prompt Engineering, LLM APIs (OpenAI, Gemini)
- **Vector DBs & Search:** Qdrant, Embeddings, Semantic Search
- **Languages:** Python, Javascript, C Programming
- **Backend Frameworks:** Django, FastAPI, Node.js, Express.js, Ruby on Rails
- **Async Systems:** Celery, RabbitMQ, Redis
- **Cloud & DevOps:** AWS (EC2, RDS, S3, IAM), Docker, Nginx, DigitalOcean
- **Databases:** PostgreSQL, MySQL, MongoDB
- **Frontend Frameworks :** React.js, Redux Toolkit, Next.js, Vue.js, TailwindCSS, Shadcnui, Bootstrap
- **Tools :** JWT, Swagger, PayPal, Twilio, Cloudinary, Google Analytics API, Pytest
- **Soft Skills:** Problem Solving, Critical Thinking, Attention to Detail and Accuracy, Collaboration and Teamwork

Experience

AI FullStack Developer, WiralAI – Doha, Qatar Oct 2025 – Present

- Built an **AI-powered sales agent platform** to automate lead engagement, qualification, and follow-ups.
- Developed backend systems using **Ruby on Rails** and **Node.js (Express.js)** for scalable APIs and integrations.
- Integrated **LLM-based conversational workflows** using **LangChain** and **LangGraph** for real-time, context-aware interactions.
- Implemented **RAG pipelines with Qdrant** to enable knowledge-driven responses from custom data sources.
- Designed and deployed **multi-tenant SaaS architecture** with configurable AI agents and workflows.
- Automated sales workflows including **lead scoring, follow-ups, and scheduling integrations**.
- Integrated external systems (CRM, email APIs, and omnichannel platforms) to support **end-to-end sales automation**.
- Improved system efficiency by optimizing **LLM usage, response latency, and cost**.

Software Developer, Runtime Solutions – Mumbai, Maharashtra May 2024 – May 2025

- Developed and optimized core procurement workflows, including **RFQs (Request for Quotation), Tendered Contracts, Partnership Solutions (Procurement Management System)**
- Worked on **Celery with RabbitMQ** for seamless background task processing, improving system responsiveness and scalability, while also managing supplier (**Opt-in, RFI**) and member contact management, ensuring 99% accuracy in email routing based on roles, permissions, and locations.
- Contributed to a **MERN stack** project within a **microservice architecture**, integrated the **Google Analytics API** to improve data tracking. (**Real Estate Management System**)

Full Stack Developer, Freelance Jan 2024 – Present

- Upgraded Django and shifted the application from a monolithic to an N-tier architecture using DRF and Next.js, boosting API security, performance, and scalability. (**Matrimony Site**)

- Implemented Swagger for API documentation, enhancing developer experience, and streamlining frontend - backend integration.

Django+React Developer, Bridgeon Solutions – Calicut, Kerala

Feb 2023 – Jan 2024

- Designed and developed a **Student Management System** using Django Rest Framework and React.js, integrating Celery and Redis for **automated background tasks like fee reminders, dues and penalties**.
- Implemented secure authentication, optimized Django ORM for efficient database queries, and improved overall system performance.
- Wrote clean, maintainable code and followed best practices to ensure high code quality and ease of future development.

Projects

Platrix - Construction Accounting Software (Ongoing for a qatar client)

- Developed a domain-specific accounting and financial management system tailored for the construction industry by following multi-tenant SaaS architecture

AI Study Buddy

- Building an **AI-powered study assistant** leveraging LLMs to support active recall, spaced repetition, and personalized learning workflows.

Education

Manipal University, Bachelor of Computer Applications