

ANIKET JADON

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PROFESSIONAL SUMMARY

- Full Stack Developer specializing in Generative and Agentic AI with 2 years of experience, skilled in building intelligent, user-focused web applications using the latest AI and web technologies.
- I specialize in both frontend and backend development, with expertise in LLMs (Large Language Models), Agentic AI, and Generative AI workflows.
At Adagentechlab, I successfully built and deployed scalable AI-driven solutions using Python (Flask, FastAPI) and JavaScript, React.JS.
- I've worked closely with OpenAI models, designing and fine-tuning prompt engineering strategies to generate more accurate and context-aware results.
I'm proficient in tools like LangChain and LangGraph for building multi-step AI agents that perform complex, goal-driven tasks.
- I've also implemented RAG (Retrieval-Augmented Generation) pipelines using ChromaDB, Pinecone, and advanced embedding models for real-time semantic search and response generation.
I have a strong foundation in databases, including both NoSQL (MongoDB) and relational databases (PostgreSQL), allowing me to manage structured and unstructured data effectively.
- On the cloud infrastructure side, I've deployed and managed AI applications on Azure, including virtual machines, Blob Storage, and CI/CD pipelines, ensuring secure and reliable system performance.
Beyond technical implementation, I'm known for a solution-oriented mindset, strong communication, and a passion for bridging the gap between machine intelligence and real-world user needs.
- I enjoy turning complex AI capabilities into smooth, production-ready web applications that provide real value to users.

PROFESSIONAL EXPERIENCE

• Full Stack Developer | Generative AI

Adagen Tech Lab Pvt. Ltd. | Aug 2024 – Present

- Designed and deployed AI-first web platforms integrating GPT-4.0 and advanced RAG pipelines.
- Engineered robust backend systems using FastAPI and Flask with modular React frontends.
- Orchestrated intelligent agents via LangGraph to execute structured, goal-oriented tasks.
- Enabled hybrid LLM + Computer Vision workflows by integrating YOLO-based embeddings.
- Established secure deployment infrastructure on Azure (VMs, Web Apps, Blob Storage).
- Automated cloud provisioning and scaling using Terraform and Ansible on AWS (EC2, S3, ELB, RDS).
- Ensured cross-functional performance, availability, and scalability of production environments.
- Designed and deployed a **multi-agent system** using the **LangGraph** framework for **medical query analysis** in a **patient-centric AI platform**, integrating **GPT-3.5** with advanced **RAG pipelines** to deliver accurate and context-aware responses.

• Full Stack Developer | Generative AI

Aisal Analytics Pvt. Ltd. | Aug 2023 – Aug 2024

- Built scalable full-stack AI solutions integrating Azure OpenAI's GPT-4.0 and custom embedding models.

- Designed and deployed a **Generative AI chatbot** using **Python**, **Azure OpenAI Service**, and **RAG pipelines** to deliver accurate, context-aware responses for clients, dealers, and distributors.
- Implemented **semantic search** using **Azure Blob Storage**, significantly improving AI response relevance.
- Developed **real-time Natural Language Understanding (NLU)** pipelines to process and interpret unstructured user inputs.
- Built the **frontend in React.js** and the **backend in Python**, hosted on **Azure Web Apps** with custom indexing for efficient document retrieval.
- Optimized system performance using **asynchronous processing** and smart **data chunking** strategies.
- Delivered a scalable, AI-powered conversational interface for **JSPL**, enhancing customer and partner engagement.

CORE COMPETENCIES & TECHNICAL SKILLS

- **Programming:** Python, JavaScript, React.JS, Flask, FastAPI, NestJS,
- **AI & LLMs:** Generative AI, GPT-4.0, LangChain, LangGraph, Agentic AI, Prompt Engineering, LLM, OpenAI Modal
- **Embeddings & RAG:** ChromaDB, Pinecone, Retrieval-Augmented Generation
- **Databases:** PostgreSQL, MongoDB
- **Cloud Platforms:** Azure (VMs, Web Apps, Blob Storage), AWS (EC2, S3, ELB, RDS)
- **DevOps:** Git, GitHub, CI/CD Pipelines, Terraform, Ansible
- **Web Development:** API Integration, Front-End Development, Responsive UI , Back-End Development

KEY PROJECTS

- **JSPL Gen AI Chatbot** – Developed a domain-specific intelligent assistant integrating GPT-4.0 and RAG.
- **AnginaX Agentic AI Chatbot** – Developed multi-agent framework using LangGraph for medical query analysis.
- **Object Detection System** – Developed an **Object Detection System** by integrating **YOLO** with **Large Language Models (LLMs)** to perform real-time object detection and intelligent querying over video data.