AADITYA

AI Full-Stack Engineer | LLM SYSTEMS • AI AUTOMATION • FULL-STACK PRODUCT DEVELOPMENT • CLOUD & DEVOPS

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Experience

Victoria Tours| Freelance | Visa Letter Website | [Case Study]   **Nov'24 - Feb'25**
- Drove **$1M+ annual revenue** through automation.
- Scaled to handle **10k+ applications/month** reliably.
- Integrated **AI vision recognition**, reducing manual entry by **95%**.
- Built **visa letter automation platform** with **Next.js, MongoDB, AWS, Gemini APIs**.

Victoria Tours| Freelance| AI CRM | [Case Study] | [System Design]   **May'25 - Aug'25**
- Scaled with **AWS EC2, S3, Amplify, SQS** and **3 servers**, handling **100k+ emails/day**.
- Automated support tickets & centralized customer interactions across **10 offices**.
- Improved efficiency with **50 users**, reducing response time by **60%**.
- Developed **AI-powered CRM** using **Next.js, Node.js, MongoDB, Auth.js, Gemini APIs**.

Traveiz | Startup | AI & Data Engineer   **Feb'24 - May'24**
- Built an **AI-powered itinerary generation pipeline** using OpenAI APIs, Python, and prompt engineering, generating **1,000+ itineraries/week** and reducing manual effort by **80%**.
- Integrated **Google Maps APIs**, web & image scraping to enrich travel data and enable **5× faster trip planning**.
- Implemented **Google Web & App Analytics** and built **real-time dashboards** with Tableau & BigQuery for leadership visibility.
- Mentored a junior analyst while maintaining production data reliability.

MakeMyPackages | Freelance | Travel Agent Website | [GitHub] | [Live]
Nov'25 - Dec'25
- Built an **AI-powered travel platform** using LangChain and Google Gemini for personalized trip recommendations.
- Developed **AI-assisted itinerary generation** with dynamic **PDF creation** and package management. Conversion Rate Improved by 60%
- Implemented **secure auth**, admin dashboard, automated emails, and real-time currency conversion.
- Delivered a **scalable, responsive production app** using Next.js 15, TypeScript, MongoDB, and AWS S3.

Projects

Home Loan Multi-Agent Advisor (Vertex AI) | [GitHub] | [Live]
- Built a **multi-agent AI system** using **Google Agent SDK** to rank and explain home loan options using RAG over banking policies, regulatory docs, and procedures
- Implemented **persistent memory** and deployed on **Google Vertex AI** with scalable inference, secure APIs, and structured data pipelines.

AI Agent Portfolio Manager | [GitHub] | [Live]
- Developed an **AI-driven portfolio management system** with **Google Agent SDK**, combining RAG, tool calling, and agent workflows for analysis and recommendations.
- Designed full-stack backend and cloud deployment with contextual memory, vector search, and production-ready APIs.

Education

Vidyalankar Institute of Technology, University of Mumbai, India   **2021 - 2025**
- Computer Engineering | SGPA: **8.83**

B.K Birla College, India   **2019 - 2021**
- SSC(Class XII), Aggregate: 91%

I.E.S Chandrakant Patkar Vidyalaya, India   **2018 - 2019**
- *SSC (Class X),* Aggregate: 90%

Skills

AI & LLMs: LLMs, RAG, LangChain, Google Agent SDK, Context Engineering, Prompt Engineering, Multi-Agent System,

Full-Stack & Cloud: Next.js, Node.js, TypeScript, MongoDB, Vertex AI, AWS, Docker, Kubernetes