GOUTAM ASWANI

AI Engineer | GenAI | Langchain

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Education

Acropolis Institute of Technology & Research Indore, M.P   *2022 - 2026*
- B.Tech CSE (A I& ML)

BVPS - Khandwa, M.P   *2022*
- *MPBSE (Class XII)*

Sophia Convent School - Khandwa, M.P   *2020*
- *CBSE (Class X)*

Skills

- **Languages:** Python, HTML, Tailwind CSS, C++, SQL, JavaScript
- **FrameWork:** React.js, FASTAPI, Django
- **GEN AI:** Langchain, RAG, LLM, Classification, Deep Learning, n8n
- **Developer Tools:** VScode, Google Colab, Git & Github, Postman, Cursor, AWS EC2, Docker
- **Soft Skills:** Leadership, Communication, Analytical Thinking, Quick Learning

Projects

DocuMentor – Ask more, search less
Stack: Python | FastAPI | LangChain | Gemini API | RAG | ChromaDB | SQlite| React | JavaScript | Tailwind CSS

- **Full-Stack AI Application:** Architected a full-stack, secure, and scalable chatbot with a FastAPI backend and a React frontend, demonstrating end-to-end project ownership.
- **Advanced RAG Pipeline & Security:** Implemented a Retrieval-Augmented Generation (RAG) system with ChromaDB for real-time document querying and integrated ironclad, token-based security with JWT and OTP email verification.
- **Dual-Mode Conversational AI:** Engineered a sophisticated, dual-mode chatbot leveraging LangChain and Google's Gemini models, capable of seamlessly switching between general conversation and a high-precision, document-based Q&A using a custom RAG pipeline

Job Search & Cold Email Automation(n8n)
Stack: n8n | Apify | Google Gemini | Gmail SMTP | Google Sheets | HTTP APIs

- **End-to-End Automation:** Architected a job-application pipeline in n8n that scrapes and aggregates listings from LinkedIn, Naukri, and Indeed, deduplicates results, and logs structured records into Google Sheets as an ATS.
- **AI-Powered Outreach:** Automated recruiter email discovery (Web scraping) and generated personalized cover letters and tailored email bodies with Google Gemini, including role-specific prompts and subject A/B testing.
- **Scalable Tracking & Delivery:** Orchestrated batched, rate-limited Gmail SMTP sends with retries and failure handling, while dynamically parsing responses to update statuses and drive a live Google Sheets dashboard.

Achievements

CHESS | Led my team to victory in an inter-college chess tournament, demonstrating strategic thinking, decision-making, and team leadership.

AI Fusion Hackathon | Achieved Top 10 placement in the AI Fusion Hackathon by developing a machine learning/deep learning model on the GTSRB dataset, demonstrating strong problem-solving and analytical skills.

Certifications

- **Infosys Springboard** | Machine Learning
- **Postman |** Postman API Fundamentals Student Expert certification