Swapnil Sonker

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EDUCATION

Babu Banarsi Das University   Lucknow-UP

Bachelor of Technology

Relevant Coursework: Data Science, Machine Learning   *8.9 CGPA*

EXPERIENCE

KIDJIG   Jan 2025 – April 2025

AI Engineer   *remote , India*

- *Built ML models (RAG Agent, Form Agent) using LangChain, LLMs, and Classical ML.*
- *Integrated AI/ML models into batch and real-time flows using FastAPI, Docker, MongoDB.*
- *Led Llama3.2-1B model fine-tuning; maintained detailed model and deployment documentation.*
- *Built Gen-AI products for the client by using LangGraph, Langchain.*

FREELANCER   Jan 2023 – present

AI Engineer   *remote , India*

- *Delivered customized AI solutions for dynamic web applications based on client requirements.*
- *Deployed ML models in production environments with optimized backend systems.*

BRIMO SOFTWARE SOLUTIONS   April 2023 – Sept 2024

SDE-1   *Lucknow, UP*

- Optimized data flows for dashboards processing 2000+ monthly transactions.
- Strengthened backend APIs integration via CI/CD pipelines and GitHub.
- Improved latency of the site by 30% and hassle free integration of the backend, implemented queues, loadbalancing etc.

PROJECTS

MailIt-Mailing_refined / *Langchain, ChromaDB , pypdf, Ollama embeddings, fastapi, groq, nextjs.* Dec 2024 – Jan 2025

- Built real-time intelligent mailing platform using LangChain, FastAPI, ChromaDB.
- Designed NLP pipelines for resume skill extraction and personalized emailing.

WhatsApp-Analyzer / *Langchain, ChromaDB , pypdf, Ollama embeddings, llama3.2.*   Dec 2024 – Dec 2024

- Developed NLP platform to analyze and summarize chat data using LangChain, Ollama embeddings.
- Deployed application via Streamlit ensuring modular architecture.

ACHIEVEMENTS

- Trained and fine-tuned Llama3.2-1B model for custom domain-specific tasks
- Developed and deployed enterprise-grade AI applications with multi-user support
- Recognized for outstanding AI project delivery by leadership

TECHNICAL SKILLS

Languages: Python, Java, SQL, TypeScript |

AI/ML: LangChain, LangGraph ,Llama, Mistral, Classical ML, NLP, Transformers | Big Data: MongoDB, Hive (basic), Spark (basic) | Tools: FastAPI, React.js, Docker, Git, VS Code | Concepts: Model Deployment, Real-time AI Systems, AI/ML Governance, CI/CD