

Abhishek Maurya

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Software Engineer — Backend / AI / Data | EU Blue Card eligible

EDUCATION

- **BBS College of Engineering & Technology, Prayagraj (AKTU)** Prayagraj, India
Bachelor of Technology in Computer Science; CGPA: 8.0/10 Aug 2020 – May 2024

EXPERIENCE

- **DeepLogic AI** Hybrid
Software Engineer Nov 2024 – Present
 - Took end-to-end ownership of **enterprise Search**: LLM based search tool for large corporation , evolving it from a fragmented POC into a modular, production-ready MVP (architecture, scalability, feature completeness).
 - Architected an open-source, multi-layer EDI archival solution that **cut costs by 70%** over the proprietary alternative.
 - Designed and delivered an **email-based transaction processing platform** end-to-end, enabling a new transaction channel.
 - Architected a unified script-based platform to process EDI, eliminating duplication across systems and extending to new document types.
 - Built systems for generation and validation of German e-invoicing formats and various external system integration.
 - Stack: Python, Django, Windows Server, PDF processing, LLM, FastAPI, Svelte
- **FluidAI** Remote
AI Engineer May 2024 – Oct 2024
 - Built a **hybrid RAG agent** that combines web search with vector retrieval, and a **text-to-SQL agent** on LangGraph.
 - Developed an **LLM-based voice calling agent** over SIP, plus an AI document verification system.
 - Built a data extraction and ingestion platform on **PySpark** and Databricks.
 - Built an AI-powered **presentation generator** for a major healthcare company.
 - Stack: Python, LangChain, FastAPI, LangGraph, Spark, SIP, RAG, LLM
- **BeyondChats** Hybrid
AI Engineer (Part-time) Sept 2022 – May 2024
 - Built LLM-driven chatbot)with training on custom data sources; built a universal web scraper and a data ingestion platform.
 - Developed ML pipelines for chat data insights and a Flask NLP server for text-based DB queries via LLM API.
 - Stack: Python, React, Flask, LLM, RAG, Vector DB, Playwright

PROJECTS

- **Paisha Peek – Self-Hosted Personal Finance App** : Self-hosted personal finance app that turns bank SMS and plain-language notes into transactions, tracks who owes whom, and sends bill reminders. Stack: Python, Django, HTMX, SQLite, Docker, LLM.
- **Analytics-GPT – Query databases in human language** : Natural-language SQL query tool connecting to any SQL DB via LangChain; supports local LLMs as drop-in replacements. Stack: Python, Flask, React, LangChain, OpenAI.
- **Institution ERP – AI-Powered Institution Management** : ERP for institutions that uses LLMs to turn paper documents and attendance sheets into structured records, and manages admissions, fees, exams and payroll in one place. Stack: Python, Django, HTMX, PostgreSQL, Docker, LLM.
- **Document Verification LLM Pipeline**: AI-based document verification system with an LLM pipeline for automated validation and classification of documents. Stack: Python, LangChain, LLM.
- **HITL Invoice Resolution System**: End-to-end LLM-based human-in-the-loop system for resolving invoice-processing issues at DeepLogic AI. Stack: Python, Django, LLM.

SKILLS

- **Languages**: Python, JavaScript, Go
- **Frameworks**: Django, FastAPI, Node.js, Spark, LangChain, LangGraph, React
- **Tools**: Docker, Git, Playwright, CI/CD, Linux
- **Databases**: PostgreSQL, Vector DB, NoSQL
- **Domains**: RAG, LLM Agents, Voice AI, Document Processing, REST APIs
- **Human Languages**: English (C2), Hindi (Native), German (A1)