

Anshuman Jha

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TECHNICAL SKILLS

Languages: Python, SQL, TypeScript, JavaScript, C++

Backend: FastAPI, Node.js, REST APIs, Prisma ORM, JWT Authentication, RBAC, API Design, OpenAPI

Frontend: React.js, Next.js, Tailwind CSS

Databases: PostgreSQL, MySQL, MongoDB

AI & LLMs: OpenAI, Claude, Gemini, LangChain, RAG, AI Agents, Function & Tool Calling, MCP, Vector Databases

Automation: Workflow Automation, AI Agent Development, REST API Integrations, Webhooks, Background Jobs

Cloud & Tools: Docker, GitHub Actions, Cursor, Claude Code, Codex, Git, AWS, Vercel

WORK EXPERIENCE

Sharelog

Remote

Developer

Mar 2026 – Present

- Built AI-powered workflow automation solutions using FastAPI and LLM APIs for enterprise business operations.
- Integrated Gemini APIs into workflows for document processing, information extraction, and workflow automation.
- Designed REST APIs and pipelines supporting AI applications, agent orchestration, and background task execution.
- Implemented secure API integrations, authentication, RBAC and production-ready backend for AI services.
- Worked closely with cross-functional teams to translate business requirements into production-ready applications.
- Developed monitoring, logging and retry mechanisms for production API workflows.

Shopdeck

Bangalore

Growth Consultant

Dec 2025 – Feb 2026

- Queried large merchant datasets using SQL to identify revenue optimization opportunities.
- Built Excel dashboards and analytical reports supporting product and business decisions.
- Automated recurring data analysis workflows and improved operational reporting efficiency.
- Collaborated with cross-functional teams to deliver data-driven business insights.

PROJECTS

AI SQL Assistant | *FastAPI, LangChain, Gemini, MYSQL*

- Built an AI SQL assistant using Gemini and LangChain for converting natural language into SQL queries.
- Implemented (RAG) using schema-aware retrieval, embeddings, and vector search to improve generation accuracy.
- Designed prompt engineering pipelines to improve SQL accuracy across complex enterprise databases.
- Developed REST APIs enabling seamless integration with business intelligence workflows.

AI Freelance Lead Generation Platform | *Python, FastAPI, Gemini, PostgreSQL*

- Built AI agents that discover, research, and qualify freelance opportunities from multiple platforms.
- Automated company research, contact discovery, and AI-assisted outreach generation.
- Integrated Gemini APIs with structured workflows for business automation and lead enrichment.
- Designed scalable agent pipelines using FastAPI, PostgreSQL, and background workers.

AI Document Intelligence Platform | *Python, OpenCV, OCR*

- Built an intelligent document processing pipeline combining OCR, image preprocessing and AI-based structured information extraction.
- Generated structured JSON outputs for downstream AI workflows and business automation.
- Improved extraction accuracy through OpenCV preprocessing and automated validation pipelines.

EDUCATION

National Institute of Technology, Durgapur

West Bengal

Bachelor of Technology in Computer Science and Engineering

2021 – 2025

CERTIFICATIONS

SQL (Basic) HackerRank

SQL (Intermediate) HackerRank

Problem Solving HackerRank

J.P. Morgan Software Engineering Virtual Experience

CodeChef C++ Programming