Naman Jain

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AI Engineer with strong backend roots (Java, Python) and experience building full-stack AI applications with multi-agent workflows. Skilled in designing solutions and shipping product features end-to-end.

EDUCATION

Indian Institute of Technology Kanpur Nov'20 - Jun'24
Bachelor of Technology, Materials Science and Engineering *CPI: 7.8/10*

WORK EXPERIENCE

Ingram Micro | *Software Engineer* Jul'24 – Jul'25
- Implemented and enhanced microservices in Spring Boot for global catalog management processing bulk data
- Offloaded heavy lookups from PostgreSQL to **Elasticsearch**, reducing query latency by **80%** on large datasets
- Scaled data export via **BigQuery** + GCS merging to deliver **1M+** records in under **10s** for analytics jobs
- Designed validation engine with async multi-threading and alerts to improve reliability and reduce manual checks

LTIMindtree | *Software Developer Intern* | *Received a **pre-placement offer (PPO)*** May'23 - Jul'23
- Implemented features for an AI chatbot using **Azure Cognitive Services** to automate internal IP queries
- Tuned **CLU model** thresholds and coded data ingestion scripts, improving response accuracy and saving time

SURGE 2022, IITK | *ML Research Intern* May'22 - Jul'22
- Trained regression models predicting Ti-Al alloy creep curve plots from **scraped** experimental data
- Applied **PCA**-based feature selection to raise prediction accuracy and model interpretability

PROJECTS

RestroPilot - restaurant reseravtion management agent 🐙 ▶ Oct'25 – Nov'25
- Built agentic workflow with **3** nodes from **scratch** using **A2A** protocol and json schema for tool calling
- Engineered prompts as a small model - **Llama 3.3-8B** was used; Employed LangSmith tracing for monitoring & eval
- Built robust ops for availability, booking, waitlist actions on DB with 50 braches; deployed with streamlit UI

BFSI claim verification agent 🐙 ▶ Jul'25 – Oct'25
- Copilot that automates claim verification and query handling for BFSI clients using langgraph & **advanced RAG**
- Engineered a **5 node** workflow with **JIRA** ticket creation tool, automating incident entry and status tracking
- Employed score based **reranking** on retrieved docs; long/short-term memory **summarization** for session persistence
- Used **hybrid search** on structured policy data and RAG. Deployable as SDK with multi-tenant support and **RBAC**

TrackX – Personal Finance Management App 🐙 ▶ May'25 – Aug'25
- Built a FastAPI + React app with user-centric features like saving goals, bank statement import, category prediction
- Integrated an AI assistant (LangChain + Gemini) enabling insights using past trends; Deployed using Docker & AWS
- Employed **JWT auth**, refresh token for security and session management & **cron**-based summary reports via email

Territorial Attack – Android Game 🐙 ▷ | Game Development Club, IITK Jun'21 - Aug'21
- Led a 6-member team to build a 2D shooter using **Unity** Engine; achieved **1K+** downloads on google **playstore**

SKILLS

- **Languages**: Java, Python, C++, C#, JS, SQL, Typescript, MATLAB
- **Frameworks/Libraries**: React, PyTorch, FastAPI, Unity, LangChain/LangGraph, HuggingFace, Postgres, vectorDB, GCP, AWS, Docker

ACHIEVEMENTS AND LEADERSHIP EXPERIENCES

- Secured AIR **5764** in JEE Advanced 2020 and AIR **6837** in JEE Main 2020 among **1.2 Million** applicants
- Selected for Summer Research 2024 in National Tsing Hua University - **NTHU, Taiwan** among **10** students globally
- **Founder, MatSoc – The Materials Society, IITK** — community driving events, student-alum-prof connect
- **Coordinator, Game Development Club, IITK** — Led a 3-tier team with workshops, game jams, projects