

SAKSHAM JAIN

SDE-1 @ Licious | AIR 63 GATE DA '25 | 1600+ @ Codeforces | EE'25 @ IITJ

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EXPERIENCE

Software Developer | Licious | Jul 2025 - Present

- Architected mission-critical Kafka consumer wrapper library supporting Spring Boot 2.4.0 & 3.0.2 — now powering **50+ microservices processing 1.5M+ daily events**, significantly reducing integration complexity
- Built multi-agent AI system for root cause analysis using LangGraph **70+% diagnostic accuracy**, freed 20+ engineering hours monthly

Software Developer Intern | Licious | May 2024 - Jul 2024

Earned Pre-Placement Offer (PPO)

- Designed end-to-end chatbot evaluation framework with 4-tier architecture using BERTScorer + Microsoft DeBERTa — automated **80%** of response evaluation, enabling iterative refinement of chatbot
- Achieved **20% increase in response relevance** through systematic analysis of 50+ user sessions, refining prompts for 7 distinct order statuses with dynamic context-aware responses
- Enhanced safety and reliability via NemoGuardRails integration, progressively refining guardrails using evaluation framework

TECHNICAL PROJECTS

Full-Stack Multi-User Blogging Platform | React.js + Node.js + MongoDB | technicalsaksham.netlify.app

- Architected scalable blogging platform supporting user authentication, blog creation with rich-text editing (EditorJS), tags-based filtering, nested comments, likes, and real-time notifications
- Designed RESTful API backend using Express.js + Node.js with JWT authentication and Google OAuth integration for secure user verification
- Engineered optimized nested comment system using MongoDB references with .populate() for efficient querying, supporting unlimited comment depth with efficient reply insertion
- Implemented production-grade security with bcrypt password hashing and GCP cloud storage for image uploads; deployed backend on Render and frontend on Netlify with CI/CD pipeline

Stock Market AI Agent | LangChain + FastAPI + Mistral 7B

- Built LLM-powered ReAct agent with Yahoo Finance integration and technical indicators (RSI, Moving Averages) for stock market analysis
- Designed modular architecture with isolated tools for API calls, data processing, and analysis; deployed FastAPI backend on Render

ACHIEVEMENTS & LEADERSHIP

Competitive Programming Excellence — Top 5% Globally

- Codeforces Expert (1600+) | CodeChef 5-Star (1900+) | 500+ DSA problems solved across LeetCode, Codeforces, CodeChef

National-Level Academic Recognition

- GATE Data Science/AI: AIR 63 - Top 0.1% nationally | GATE Computer Science: AIR 2098 (2025)
- ISI B.Stat Entrance: AIR 14 — Qualified for India's most prestigious statistics program (2021)
- JEE Advanced: AIR 6045 | JEE Mains: AIR 4231 (2021)

Leadership & Community Building

- Founder, Quant Club (IIT Jodhpur) — Founded a Quantitative Finance Club and grew it to 100+ students, mentoring them in quantitative finance and organizing financial puzzles and leadership sessions improving inter IIT ranking from 21st to 12th
- Amazon ML Summer School 2024 — Selected among top applicants nationwide for intensive program covering deep learning, reinforcement learning, and statistical modeling

TECHNICAL SKILLS

Languages: Python · JavaScript · C++ · Java · SQL

Backend & APIs: FastAPI · Express.js · Node.js · Spring Boot · REST

Generative AI & LLM: LangChain · LangGraph · NemoGuardRails · RAG · Vector Databases · Prompt Engineering

Infrastructure & Data: Kafka · Redis · MongoDB · PostgreSQL · Docker · AWS · Git · CI/CD

EDUCATION

Indian Institute of Technology Jodhpur | B.Tech in Electrical Engineering | Dec 2021 - May 2025