

Krishiv Arora

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LinkedIn | GitHub | LeetCode | CodeChef



Summary

Software Engineering undergraduate with hands-on experience in full-stack development, REST API design, and AI-powered applications. Proficient in Python, C++, and TypeScript. Strong foundation in Data Structures & Algorithms, OOP, Computer Networks, and DBMS. Seeking a Software Engineer Internship to contribute to scalable software solutions.

Education

Jaypee Institute of Information Technology (JIIT)

Noida, India

B.Tech in Computer Science Engineering | CGPA: 7.44 / 10.0

2024 – 2028

Experience

GlobalLogic (Hitachi Group)

India

Summer Trainee – Software Engineering

Jun 2026 – Present

- Receiving mentorship from senior software engineers on production-grade development, system design, and agile practices.
- Designing and developing **Compass**, a full-stack AI coding assistant as the capstone project, applying software engineering best practices.

Projects

Compass *Python, FastAPI, React, TypeScript, LangGraph, PostgreSQL, ChromaDB*

[GitHub]

- Built a full-stack AI coding assistant with a **Python/FastAPI** REST API backend and **React** frontend, enabling developers to debug and refactor code via natural language.
- Designed agentic task orchestration using **LangGraph** with tool-calling nodes for automated web search, code execution, and file manipulation.
- Integrated MCP adapters for extensible tool connectivity and a codebase-aware retrieval pipeline via **ChromaDB**; implemented OAuth2/JWT auth and **PostgreSQL** session persistence.

Synora *Next.js, TypeScript, PostgreSQL, Vapi, Tailwind CSS, AWS*

[GitHub]

- Developed a B2B SaaS platform enabling businesses to deploy AI-powered support agents across text chat, real-time voice, and phone channels.
- Engineered a knowledge ingestion pipeline with 3072-dim vector embeddings in **PostgreSQL + pgvector**; built an admin dashboard with call analytics and **Vapi** webhook processing.

CareerPilot AI *FastAPI, React, LangGraph, ChromaDB, PostgreSQL, Docker*

[GitHub]

- Developed a multi-agent career automation platform with agents for resume parsing, ATS scoring, and semantic job discovery using **Python/FastAPI** and **LangGraph**.
- Built a semantic job-matching engine using **ChromaDB** vector search and **SerpAPI** for real-time global job listings aggregation.
- Containerized the full-stack application using **Docker Compose** with OAuth2/JWT authentication and a responsive **React** frontend.

Technical Skills

Programming Languages: Python, C++, TypeScript, JavaScript, SQL, Html, CSS

Frameworks: React.js, Next.js, FastAPI, Node.js, Express.js, LangChain, LangGraph

Databases & Tools: PostgreSQL, ChromaDB, MongoDB, MySQL, Docker, Git, GitHub, Vite, REST APIs, Tailwind CSS, AWS

Core Concepts: Data Structures & Algorithms, Object-Oriented Programming, Computer Networks, DBMS, SDLC

Achievements

- Solved **500+** Data Structures and Algorithms problems on **LeetCode**.
- Achieved **3-Star** rating on **CodeChef** through consistent competitive programming.