

# Akshit

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## SUMMARY

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AI-focused Computer Science undergraduate with hands-on experience in **LLMs, GenAI systems, and backend engineering**. Strong foundation in **Python, Java, APIs, databases, and distributed systems**, with practical experience building **LLM-powered applications**, real-time systems, and scalable backends. Actively seeking **AI Engineer / GenAI / LLM Engineer (Fresher)** roles to build and deploy production-grade AI systems.

## EDUCATION

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### Chitkara University

B.E CSE-CGPA-7.8

Rajpura, Punjab

Aug2022–Present

### OPS Vidya Mandir

Class X - 93% (2020), Class XII - 85% (2022)

Karnal, Haryana

## TECHNICAL SKILLS

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**Programming:** Python, Java, SQL

**AI / GenAI:** LLM APIs (OpenAI / Groq / Ollama), Prompt Engineering, Chat-based Systems

**Backend & Web:** Flask, Node.js, Express.js, REST APIs

**Frontend:** React.js, Material UI, Bootstrap

**Core CS:** Data Structures & Algorithms, OOPs, OS basics, Networking

## PROJECTS

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### LLM-Powered Chat Application (ChatGPT Clone)

- **Tech:** Python, Flask, React, MongoDB, OpenAI API
- Built a ChatGPT-like conversational interface using OpenAI's GPT API, Flask (backend), and React (frontend).
- Designed **API-driven inference pipelines** to handle prompt → model → response workflows efficiently.
- Structured backend for **future fine-tuning and Retrieval-Augmented Generation (RAG)** integration.

### AI-Powered Resume Analysis System (RAG, LLMs, Vector Databases) | [Github](#)

- Built a **Retrieval-Augmented Generation (RAG)** system to analyze and query hundreds of resumes using natural language, enabling intelligent candidate listing, comparison, and semantic search.
- Designed an **LLM-driven ingestion pipeline** to extract structured metadata (skills, experience, education, location) from PDFs, with deduplication, batching, and rate-limit-safe processing.
- Implemented **intent-based query routing** (list, compare, general) combining metadata filtering with vector similarity search to reduce hallucinations and improve answer accuracy.

## ACHIEVEMENTS

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- Solved 500+ Problems on **Leetcode/Gfg**
- 5\* in Python at **HackerRank**

## CODING PROFILES

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- [LeetCode](#): akshit1229
- [GeeksforGeeks](#): akshit4572
- [HackerRank](#): akshit1229