

Siddharth Sharma

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EDUCATION

- **Chitkara University, HP** Sept 2021 - June 2025
Bachelors of Engineering - Computer Science Engineering CGPA: 9.65

EXPERIENCE

- **Software engineer intern** June 2024 - June 2025
Fourkites
 - Developed LLM-powered PoCs using Azure OpenAI and Python to analyze Signoz logs, enabling root cause analysis and reducing incident resolution time.
 - Revamped large-scale modules (15M+ records) in Angular, React, Spring Boot, and Ruby; built role-based UI, RESTful APIs, and optimized workflows, cutting support tickets by 30%.

PROJECTS

- **BeatX** Oct 2023 - Ongoing (Upgraded July 2025)
Media Streaming App - Full Stack
 - Developed BeatX, a full-stack media streaming app using React, Node.js, and Express.
 - Integrated secure JWT-based authentication and Redux global state to manage user sessions and improve app maintainability.
 - Designed scalable, normalized MongoDB schemas for songs, playlists, likes, and users with join-style collections. Used Python scripts to generate and seed custom datasets (songs, system playlists) for realistic development and testing.
- **Youtellect** July 2025 - Ongoing
AI-powered YouTube summarization platform
 - Developed a full-stack AI web app using React and FastAPI, integrating youtube-transcript-api to fetch transcripts and generate structured content summaries using BART-large-CNN.
 - Engineered a modular backend with advanced prompt engineering, delivering summaries, timelines, and study-ready notes while ensuring scalability for future integration with LLMs like Claude, Gemini, and LLaMA.

SKILLS

- **Languages:** Java, C++, Python, Ruby, JavaScript, SQL
- **Frontend:** React, Angular, HTML5, CSS3
- **Backend:** Node.js, Express.js, Spring Boot
- **Databases:** MongoDB, MySQL
- **Tools and Platforms:** Git, GitHub, Postman, Azure OpenAI
- **Fundamentals:** OOP, Data Structures Algorithms, REST APIs, Debugging, Testing, Software Design

ACHIEVEMENTS

- **Winner**, CODEATHON 2.0 Coding Contest by ACM – Ranked 1st among 100+ participants.
- **Top 20 Finalist**, IEEE Intellimerge 1.0 Student Symposium – Recognized for innovative project work among 100+ national teams.

LEADERSHIP VOLUNTEERING EXPERIENCE

- Led a 50+ member team as Joint Secretary of CSI, organizing multiple technical workshops, coding contests, and seminars that boosted tech engagement across the university.
- Co-hosted “DSA Demystified,” an orientation session introducing core CS concepts to 100+ first-year students, receiving strong feedback and enhancing community participation.