

# Harsh Sharma

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🐙 Github

🌐 LinkedIn

📁 Portfolio

## EDUCATION

- **Jaypee Institute of Information Technology** 2021 - 2025  
*B-Tech in CSE* CGPA: 8.5/10
- **St. Joseph's School, Greater Noida** 2020 - 2021  
*Intermediate (Class 12)* Percentage: 97.75%

## EXPERIENCE

- **Fidelity International** June 2024 - July 2024  
*Technology Intern* On-site
  - Contributed to developing a Proof of Concept for a custodial crypto wallet, focusing on enhancing security features and implementing robust access control measures.
- **Freelancing** Jan 2024 - Jan 2024  
*Website Developer* Remote
  - Developed and deployed a responsive website for a University Literature Fest 2024, based on the client's Figma design, for promotion, marketing, and registration.
  - Registration count exceeding 10,000 and attaining a peak daily traffic of **5,000 visitors**.
- **Ask Senior** Sep 2023 - Oct 2023  
*Teaching Assistant* Remote
  - Provided guidance and resolved DSA/CP-related doubts, serving as a mentor and fostering a collaborative learning environment. Providing feedback to improve the course and enhance learning outcomes.

## PERSONAL PROJECTS

- **Classroom Stalker** [GitHub Link](#)  
*Chrome Extension to organize classroom content with classification, chatbot, and note-saving features.* [Demo Link](#)
  - Tools & technologies used: MERN, Gemini API, Tailwind, **Chrome APIs**, Pinecone
  - Built a **RAG**-based Chrome Extension to efficiently organize and classify classroom content with dynamic tagging, chatbot assistance, and personalized note-taking features.
  - Implemented backend with Node.js, MongoDB, and **AWS S3**, enabling lecture processing and data storage.
- **Trade Alert** [GitHub Link](#)  
*A system delivering real-time alerts on critical stock news, ensuring effortless market awareness.* [Demo Link](#)
  - Tools & technologies used: MERN, **Langchain**, Puppeteer, **Firestore**
  - Developed an **AI-powered** financial news analysis system leveraging Groq's LLM APIs to predict stock impact, delivering real-time insights via Firebase Cloud Messaging and email alerts
  - Implemented data scraping from 8 web portals, incorporating user preferences for companies and priority-based settings.
- **Skillswap** [GitHub Link](#)  
*Collaborative peer-to-peer learning and skill development platform.*
  - Tools & technologies used: React, Express, MongoDB, Node, **JWT Tokens**, **Socket.io**, docker, **Google OAuth 2.0**
  - MERN stack web platform fostering collaborative learning and skill exchange, featuring real-time chat, Google OAuth 2.0 authentication, and JWT verification for enhanced security.

## TECHNICAL SKILLS AND INTERESTS

**Languages:** C++, HTML, CSS, Javascript, Typescript

**Frameworks/Libraries:** React, Express, Mongoose, Node, Langchain, Tailwind CSS

**Developer Tools Technologies:** Docker, Postman, Git, GitHub, Swagger, Jest, GitHub Actions (CI/CD)

**Cloud/Databases:** MongoDB Atlas, Firebase

## POSITIONS OF RESPONSIBILITY

- **Vice President**, Optica Student Chapter Aug 2022 - Aug 2024  
Key role in JSCOP 5.0 website development, and collaborated on Optica's responsive site enhancement.
- **Coordinator** Knuth Programming Hub July 2023 - July 2024  
Curated and created CP/DSA problem statement for Coding Events.

## ACHIEVEMENTS

- **Knight on Leetcode** with Maximum Rating of 1962 (Top 3.4%), solved 650+ problems. [Profile Link](#)
- **Specialist on Codeforces** with a Maximum Rating of 1556, solved 550+ problems. [Profile Link](#)