KSHITIJ GUPTA

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LeetCode | Codeforces

EDUCATION

Jaypee Institute of Information Technology, Noida   **2022-2026**

Bachelor of Technology - Computer Science   ***CGPA: 8.5***

- **Coursework**: Object-Oriented Programming, Data Structures, Algorithms, Operating Systems, Software Engineering, Database Management Systems, Computer Networks

PROJECTS

PralaySetu : Bridging Crisis to Safety ⧉ | MERN Stack, Flask, Docker, Socket.io, Razorpay

- Spearheaded the development of a **disaster management system** supporting **multi-role access** (User/Responder, Admin, Govt, NGO) and operating across **3 phases**: **prior** (disaster prediction), **during** (real-time help), and **after** (relief and fundraising).
- Implemented **real-time responder** assignment with **map-based navigation**, emergency service locator, and live communication for help requests.
- Integrated intelligent disaster prediction models and multi-language support to deliver early alerts and ensure inclusive crisis response.

OneBookmarker ⧉ | Chrome Extensions API, Express.js, React.js, MongoDB

- Developed a bookmark extension that enables seamless synchronization of bookmarks across multiple devices, with features like smart categorization, cloud synchronization, and full-text search for efficient bookmark management.

BaatCheet ⧉ | MERN Stack, Socket.io, WebRTC, Gemini

- Developed a **real-time messaging** ecosystem with over **40+ active users**, offering **instant updates**, friend management and cross-session message syncing.
- Incorporated **voice calling**, an **AI-powered chatbot**, secure **JWT-based authentication**, and OAuth, ensuring a seamless experience across devices.
- Implemented **real-time notifications** for chats and friend requests, enhancing user engagement.

TECHNICAL SKILLS

Programming Languages: C/C++, JavaScript, Python, SQL
Technologies/Frameworks: ReactJS, NodeJS, ExpressJS , Docker , Tailwind
Database Systems and Tools: MongoDB, Git/GitHub, Postman, VS Code

POSITIONS OF RESPONSIBILITY

Optica Society   July 2024 – Present

Technical Team Member

- Organized **5+ technical events**, including Blind Coding challenges and Codeforces-style contests, fostering a competitive coding culture.
- Delivered **10+ interactive training sessions** on DSA and Web Development, empowering **120+ students** with practical skills.

Surkhaab Bhangra Society   June 2024 – Present

Coordinator

- Led cultural events, engaging **50+ participants** and increasing participation.

IEEE Student Branch   June 2023 – July 2024

Volunteer

- Mentored **150+ students** during TechBlocks 9.1 workshop, teaching **web development** and guiding project creation.

ACHIEVEMENTS

- Secured **3rd place** in Optica's In-house Hackathon, outperforming **over 100 teams** through innovative solutions and effective collaboration.
- Solved over **300 problems** on CodeForces and LeetCode.