



HARSH GUPTA

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Career Objective

I am a results-driven Software Development Engineer with a strong foundation in Data Structures and Algorithms using C++, and hands-on experience in Full Stack development. I'm passionate about building efficient, scalable solutions and solving complex problems. I aim to apply my skills in a multinational company where I can contribute to impactful projects, grow in a collaborative environment, and continuously enhance my technical expertise.

Technical Skills

Languages: HTML, CSS, JavaScript, Typescript, C, C++

Developer Tools: VS Code, Visual Studio, Git, GitHub, Postman, MongoDB Compass

Frameworks & Libraries: React.js, Next.js, Express.js, Node.js, Recoil, Zustand, React-Query, Tailwind CSS, Prisma, WebSocket, ReactNative

Databases: MongoDB, PostGres

Authentication: JWT, NextAuth

Projects

TASKFLOW

GitHub

Todo's Management Web App

MERN Stack (MongoDB, Express, React, Node.js)

- Developed a modern and responsive full-stack Todo's web app utilizing the MERN stack.
- Implemented secure user SignUp and Login using JWT authentication protocols.
- Incorporated search functionality, sort options, and dynamic filters by timeframe (Today, This Week, Overdue, Upcoming) and priority (Low, Medium, High).
- Built a robust backend with **Node.js** and **Express**, using **MongoDB** to enhance user retrieval speed by **32%**.
- Secured backend APIs with Zod validation and Bcrypt password hashing ensuring data integrity and privacy.

CHATROOM

GitHub

Real-Time WebSocket-Based Chat Web App

React.js, WebSocket, Node.js, Tailwind CSS

- Developed a full-stack real-time chat application using React.js and WebSocket (Node.js + ws) enabling Room-based communication.
- Implemented live user presence tracking and system notifications for user join/leave events.

MINDVAULT

GitHub

MindVault - Knowledge Collection Web App

MERN Stack (MongoDB, Express, React, Node.js)

- Developed a personal knowledge hub to save notes, documents, links, and videos in one organized place.
- Implemented authentication, content categorization, search/filter, and public sharing features with a fully responsive UI.
- Integrated Cloudinary for media storage and Recoil for state management.

Experience

CodeHurdle

Dec 2025 - Jan 2026

Next.js Frontend Developer Intern

Remote

- Worked as a Next.js Frontend Developer, contributing to the development and optimization of CodeHurdle's production-ready web platform.
- Built scalable and high-performance UI components using **Next.js**, **TypeScript**, and **React**, following modern frontend best practices.
- Implemented efficient client-side state management using **Zustand** and handled server-state synchronization with **React Query**.
- Integrated REST APIs seamlessly and optimized data fetching to enhance application responsiveness and performance.
- Designed responsive and user-centric interfaces using **Tailwind CSS**, focusing on clean UI/UX and accessibility.
- Collaborated with backend developers and designers to deliver maintainable, performant, and industry-standard frontend solutions.

Achievements

Competitive Programming

Ongoing

Solved 500+ DSA & CP Questions

LeetCode, CodeForces, CodeChef

- Solved 500+ DSA & CP problems on LeetCode, CodeForces, and CodeChef.

Education

KIET Group of Institutions

2024-2028

Bachelor of Technology in Computer Science

Ghaziabad, UP

- CGPA: 8.22