

# Sankalp Gupta

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## Summary

MERN stack developer with hands-on experience in building full-stack web applications and mobile applications. Skilled in real-time software, efficient data structures, and algorithms, with a solid background in Java. Experienced in collaborative and solo projects, using modern web technologies and framework.

## Education

**LNMI Institute of Information Technology**

2022 – 2026

*B.Tech in Communication and Computer Engineering*

**CGPA: 6.02/10**

**Children's Academy**

2020 – 2022

*12th in PCM*

**Percentage: 92%**

## Experience

**Full Stack Intern**

Jul 2024 – sep 2024

*AtiUttam*

LOR [🔗](#) COI [🔗](#)

- Engineered a scalable web application using React, Vue, Node.js, MongoDB, and Django, enhancing real-time stock and crypto market tracking.
- Implemented key features such as real-time candle updates, optimized skeleton loading, authentication, and watchlist management, improving user engagement and performance.
- Deployed the application on Azure, ensuring high availability and security, and streamlined the development process with extensive Git collaboration.

## Projects

**Video Hosting Website and Mobile App**

[github](#) [🔗](#) [link](#) [🔗](#)

- Built a full-fledged video platform enabling users to upload, stream, and manage videos with Cloudinary integration, enhancing content accessibility.
- Developed social interaction features (like, dislike, comments, subscriptions), increasing user engagement.
- Optimized performance with rate limiting and Redis caching, improving response time and scalability.
- Extended functionality to mobile with a React Native app, ensuring a seamless cross-platform experience.
- Technologies Used:** Express, React, React Native, MongoDB, Cloudinary, Redis, Docker, WebSockets.

**Real-Time Chat Application**

[Client](#) [🔗](#) [Server](#) [🔗](#) [link](#) [🔗](#)

- Designed and developed a chat platform with private and group messaging, enhancing communication efficiency.
- Integrated media sharing (images, videos, PDFs) and real-time notifications, improving user experience.
- Leveraged WebSockets with Socket.IO for real-time updates, reducing message delivery latency.
- Built a mobile app using React Native for seamless chatting and video call features.
- Technologies Used:** Express, React, MongoDB, Cloudinary, Socket.io.

## Achievements

**Sheher Connect – Reputation-Driven News Platform**

[github](#) [🔗](#)

- Built a decentralized news platform with reputation-based verification to combat misinformation.
- Developed a trust scoring system to authenticate news sources, enhancing credibility in citizen journalism.
- Secured 3rd place in the hackathon**, competing against 80+ teams.

## Skills

- Languages & Frameworks:** HTML, JavaScript, Java, React, Vue, React-Native, Nextjs, Redux & Redux toolkit, Node, Express, Socket, Jest.
- Tools & Platforms:** Git, Github Expo, Vite, Render, Redis, Docker, Postman, Clerk, Appwrite, Firebase.