Himesh Sharma

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Education

National Institute of Technology (NIT), Hamirpur   **Oct 2022 - May 2026**
Bachelor of Technology in Electronics and Communication Engineering   ***CGPA****: 7.21/10*

Technical Skills

Languages: C++, JavaScript, SQL

Frameworks & Technologies: Node.js, React.js, Next.js, Express.js, Tailwind CSS

Databases: MongoDB, MySQL

Developer Tools: Git/GitHub, Chrome DevTools, Visual Studio Code, Postman

Projects

FoodReel — Reel-style Video Platform for Food Partners (⏻ Github)
React.js, Node.js, Express.js, MongoDB, JWT, REST

· Built a full-stack reel-style video platform where verified food partners upload and manage short-form content using JWT-secured authentication.
· Designed REST APIs in Express.js for uploads, pagination, likes, and comments; optimized MongoDB queries via schema indexes for faster retrieval.
· Integrated Cloudinary for compression, adaptive streaming, and thumbnail generation, reducing initial video load time by 30%.
· Created modular React components for feeds, upload dashboards, and partner profiles ensuring responsive, smooth UX.
· Followed Git feature-branch workflow and documented endpoints for seamless API consumption and testing.

Krypt — Web3 Crypto Dashboard (⏻ Github)
React.js, Node.js, Express.js, Solidity, Web3.js, MongoDB, Hardhat

· Built a decentralized dashboard enabling users to connect MetaMask wallets, send, and track cryptocurrency transactions through Ethereum smart contracts.
· Developed Solidity smart contracts for secure on-chain transaction storage and deployed them via Hardhat on test networks.
· Implemented a Node.js / Express backend for transaction persistence in MongoDB and real-time data flow to the React frontend.
· Integrated Web3.js for blockchain communication and built reusable React components with dynamic transaction visualization.
· Maintained modular architecture and documented APIs for integration with future analytics dashboards.

GDrive–Backend Clone (⏻ Github)
React.js, Node.js, Express.js, MongoDB / , REST, JWT/Auth

· Developed a cloud-storage web application inspired by Google Drive, enabling secure file and folder upload, management, download, and sharing.
· Implemented RESTful APIs in Express.js for file/folder CRUD operations, sharing permissions, and robust JWT-based authentication and authorization.
· Designed structured file-handling logic supporting metadata, folder hierarchy, and large-file uploads; resolved edge cases such as duplicate names and nested structures.
· Built a responsive React frontend with intuitive UI for browsing, uploading, downloading, and sharing files; added loading states, error handling, and real-time updates.
· Utilized Git feature-branch workflow, maintained clean project architecture, and documented APIs and setup instructions for smooth collaboration and deployment.

Achievements

• Solved **400+ DSA problems** across Leetcode, GFG, and Codeforces.