

MOHIT

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SUMMARY

Final-year B.Tech student in Computer Science and Artificial Intelligence from NSUT Delhi with hands-on experience in building scalable full-stack web applications using the MERN stack. Strong foundation in data structures, RESTful API design, and user-centric UI development. Regularly solve DSA problems and deploy full-featured projects using modern DevOps tools. Looking for a Full Stack Developer role to apply skills in real-world challenges and grow under professional mentorship.

EDUCATION

B.Tech in Computer Science and Artificial Intelligence

Graduating Expected March 2026

Netaji Subhas University of Technology (NSUT), Delhi

Relevant coursework: Data Structures, Algorithms, Operating Systems, DBMS, Web Development, AI, Machine Learning

TECHNICAL SKILLS

Frontend: HTML, CSS, JavaScript, React.js, Redux, Tailwind CSS

Backend: Node.js, Express.js, REST APIs, JWT, Middleware

Databases: MongoDB, Mongoose, MySQL

Programming Languages: JavaScript (ES6+), C++, Java, Python

Tools

Platforms: Git, GitHub, Postman, Render, Netlify, Firebase, VS Code, Linux

PROJECTS

SmartClinic – AI-Powered Patient Management System

2025

Built a full-stack healthcare platform for clinics to manage patients, appointments, prescriptions, and doctor dashboards using the MERN stack.

- Implemented secure login/signup for doctors and patients using JWT and bcrypt.
- Doctors can manage patient records, prescriptions, and appointment slots via a responsive dashboard.
- Integrated ML-based symptom checker using Python Flask microservice with Node.js backend.
- MongoDB stores health records with role-based access controls (RBAC).

CollabHub – Real-time Team Collaboration Tool

2025

Developed a project management and team collaboration tool like Trello with drag-and-drop tasks, real-time updates, and chat using MERN + Socket.io.

- Built dynamic task boards with drag-and-drop using React DnD and real-time sync with Socket.io.
- Created RESTful APIs for boards, tasks, user assignments, and file uploads using Node.js and Express.
- Integrated group chat and notifications system with persistent messaging.
- Deployed using Docker containers; frontend hosted on Netlify, backend on Render.

EduForge – Learning Management System (LMS)

2025

Designed and deployed a full-featured LMS for online courses, quizzes, and progress tracking using MERN stack.

- Instructors can create courses, upload videos (Cloudinary), and publish quizzes.
- Students can enroll, watch lectures, attempt MCQs, and track progress with graphs.
- Used JWT-based role management for instructor vs student access.
- Integrated Chart.js for visual progress and used Redux for state across modules.

ADDITIONAL EXPERIENCE

DSA Problem Solving

Solved 300+ problems on LeetCode and GFG focusing on arrays, graphs, trees, and dynamic programming.

- Strengthened understanding of time/space optimization and problem-solving strategies.

Continuous Learning

Regularly explore and implement new tools and frameworks in web development.

- Learning Next.js, Docker, and Firebase for modern web app deployment.