

Rayhan Mandli (mandli.me)

Full Stack Developer

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Profile

Passionate MERN-stack developer and Computer Engineering student skilled in building real-world web applications with scalable backend architecture. Experienced in React, Node.js, Express, MongoDB, Google OAuth, file upload systems, dashboards, and role-based access. Currently exploring DevOps and Docker to become a full-stack engineer capable of developing production-ready applications.

Skills

Frontend: React, Vite, Tailwind CSS, Framer Motion

Backend: Node.js, Express.js, REST APIs, JWT Auth, Role-Based Access (RBAC)

Database: MongoDB, Mongoose, Redis, MySQL

Tools & Others: Git, GitHub, Postman, Google OAuth/OpenID, Multer, Docker

Languages: Javascript, Java, C, Python

Projects

Production-Ready Storage App — MERN (Aug 2025 - Present)

- Implemented **RBAC with 4 roles** (owner/admin/manager/user) and scalable permission logic.
- Built **secure upload pipeline** + metadata model supporting **1,000+ files**.
- Added **file & folder sharing** with granular access levels and audit-safe metadata.
- Integrated **Google Drive OAuth** for cloud sync (verification in progress).
- Designed backend for **fast search & preview-ready** endpoints.

Knowledge Storage App — Upload & Forget (Apr 2025 - May 2025)

- Created **6 content types** (Protected, Everyday, Classwork, Codes, Rare, Others) for fast filtering.
- Implemented **drag-and-drop uploads**, local storage, and deletion confirmations.
- Added **password protection** for sensitive items and optimized search for **200+ assets**.
- Delivered a modular neon-dark UI for excellent readability.

YouTube Notes Library — React + Express (Mar 2025 - Apr 2025)

- Built library system enabling **multiple libraries** and **50+ saved videos**.
- Implemented **timestamped notes** for fast revision and optimized retrieval models.
- Streamlined flow: login → create library → add video → take time-coded notes.

Education

L.D. College of Engineering, Ahmedabad — B.E. Computer Engineering
July 2023 - Present • CPI: 9+ (maintained)

S.P. School, Halvad — 12th, GSHSEB
June 2021 - Mar 2023 • District First in JEE Mains (98.3 PR)

Achievements

- Built 5+ full-stack projects before 3rd year.
- Strong knowledge of production-style backend architecture and RBAC patterns.
- District-first rank in JEE Mains at school level.