MANAV PATEL

patelmanav2406@gmail.com | +917016201305 | LinkedIn | GitHub | LeetCode

Education

Vellore institute of Technology Bhopal, India   **2022 - 2026**
- CGPA: **8.52**   (expected)

KD Ambani Reliance Foundation School, India   **2021 - 2022**
- *CBSE (Class XII), Aggregate: 74.8%*

KD Ambani Reliance Foundation School, India   **2019 - 2020**
- *CBSE (Class X), Aggregate: 91.2%*

Skills

Programming & Frameworks: Java, JavaScript, Node.js, React, Express.js
Databases: MongoDB, MySQL
Web Development: HTML, CSS, Tailwind
Tools & Others: Git & GitHub
Core Subjects: Data Structures & Algorithms, OOPs, Operating System, Database Management System, Computer Networks

Work Experience

Jio Platforms Limited

Software Development Intern   Oct 2024 – Dec 2024
- Developed and enhanced web application features using React.js, following modern design principles to ensure maintainability and responsiveness.
- Diagnosed and resolved a wide range of UI and functional issues, leading to smoother user interactions and improved frontend reliability.
- Engaged with senior engineers and mentors to gain insights into scalable, high-performance system architectures.

Projects

EventIt / *(Nodejs, Express, React, MongoDB, WebRTC, WebSocket)*
- Designed and implemented role-based access control to manage permissions for teachers/coordinators and students, ensuring secure and structured platform usage.
- Built robust event creation, update, and registration workflows, streamlining participation and reducing administrative overhead.
- Integrated WebRTC and WebSocket to support low-latency, high-quality video sessions and real-time participant communication.
- Implemented secure user session management with JWT, ensuring smooth login flow and protected route access.

ELearning / *(Nodejs, Express, React, MongoDB, Nextjs, Redis)*
- Developed a full-stack LMS with role-based access (Admin, Instructor, Student) using MERN and Next.js for server-side rendering and SEO.
- Built an interactive admin dashboard with user management, course control, and real-time analytics using MongoDB aggregations.
- Implemented Redis caching to improve API response times and reduce database load.
- Designed and integrated Q&A forums, video playback, course reviews, and dynamic course upload modules for enhanced user experience.

Academic and Extracurricular Achievements

- Practiced 200+ coding problems on *LeetCode* and *GeeksforGeeks*, developing proficiency in data structures, algorithms, and coding efficiency.
- Committed to the 100 Days of Code challenge, solving one DSA problem daily for 100 days, enhancing coding consistency and logic-building skills.
- Scored in top percentile (79%) among 23,872 candidates in a Cloud Computing certification from NPTEL (IIT Kharagpur).

Certifications

- Cloud Computing course (NPTEL, IIT Kharagpur)
- Market Analysis certification (NPTEL, IIT Kharagpur)