ADITYA SETHI

adityasethi2004@gmail.com | +91-8107000578 | GitHub | LinkedIn | Profile

Education

MIT - WPU, Pune	**2021 - 2025**

- Bachelor of Technology (Computer Science and Engineering) | **CGPA: 8.1/10**

MDS Public School, Udaipur	**2020 - 2021**

- Class XII | **84%** *:*

Maharana Mewar Public School, Udaipur	**2018 - 2019**

- Class X | **92.7%**

Skills

ReactJS | NextJS | Node.js | Zod | TypeScript | JavaScript | TailwindCSS | Recoil | Prisma | MongoDB | PostgreSQL |

C/C++ | Git/GitHub | Express.js | WebSockets | Hono | npm

Projects

ChatBoard (Project Link) | NextJS | Node.js | TypeScript | WebSockets　　　　　　　　**October'24**

Created a chat application with WebSockets, enabling real-time message exchange and upvoting, enhancing user interaction in live settings.

- **Admin Room Management:** Developed features for admin to create chat rooms with properties like name, start time, is_open status, and cool down time.
- **User Engagement:** Enabled users to join rooms, send messages, and upvote messages. Messages with 3+ upvotes move to a separate section, and messages with 10+ upvotes alert the admin for attention.
- **Frontend & Backend Development:** Built using raw WebSockets in Node.js, providing efficient real-time communication between users and the admin.

WordWeaver (Project Link) | TypeScript | ReactJS | PostgreSQL | Prisma　　　　　　　**September'24**

Developed a comprehensive blogging platform enabling users to create, read, update, and delete posts with a modern interface.

- **User Authentication:** Implemented JWT for secure authentication, allowing users to manage their blogs safely
- **Frontend & Backend:** Built the frontend using TypeScript and React.js with Tailwind CSS for responsive design; utilized Hono and Cloud lare Workers for a robust backend.
- **Data Management:** Leveraged PostgreSQL with Prisma ORM for efficient data handling and connection pooling.
- **Validation:** Integrated Zod for type validation on both frontend and backend to ensure data integrity.

Job Tracker | TypeScript | ReactJS | Node.js | Express.js | MongoDB　　　　　　　　**August'24**

Developed a Chrome extension to streamline the process of tracking job and internship applications.

- **Job Application Tracking:** Enabled users to easily record and organize job application details, including company name, position, domain, platform, and status.
- **Data Management:** Implemented secure data storage using MongoDB Atlas, allowing users to save and manage their application data efficiently.
- **Frontend & Backend Development:** Built the frontend with TypeScript, React.js, and Tailwind CSS, and developed a robust backend using Node.js and Express.js.

Academic and Extracurricular Achievements

- Authored and published research paper titled "Smart Contracts for Supply Chain Management Using Blockchain" focusing on leveraging blockchain technology to enhance transparency and efficiency in supply chain operations.