

Mahesh Jadhao

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GitHub Link / LeetCode Link

Projects

SyncX / *MERN Stack, Zod, Redux, TypeScript, OAuth, Zustand* **GitHub Frontend and Backend link | Live Website Link**

- SyncX is a collaborative platform where users can create and manage workspaces, projects and tasks to stay in sync
- Developed custom middlewares for error handling, async handling and for authentication
- Implemented authentication through Google OAuth by using the passport library
- Used Zod for error handling in backend and mongoose for CRUD operations
- Managed states with Redux and utilized Zustand for storing JWT tokens in session storage.
- Structured the backend using models, controllers, and services for better modularity.

VidSecure / *MERN Stack, Stream SDKs, Zustand, JWT* **GitHub Link | Live Website Link**

- Designed and developed a full-stack web application to connect language learners globally.
- Implemented features like user authentication, OTP-based email verification, real-time chat, video calls, and friend requests using React, Node.js, MongoDB, and Stream SDKs.
- Built a responsive UI with Tailwind CSS and managed state using React Query and Zustand.
- Integrated JWT for secure authentication and Nodemailer for email services.
- Deployed the application in a production environment with seamless backend and frontend integration.

Dynamic Server Load Balancing / *JavaScript, Node.js, Express, Socket.io, Chart.js, HTML, CSS* **GitHub Link**

- Designed a responsive frontend with real-time server load visualization using Chart.js.
- Implemented backend logic with Node.js and Socket.io for real-time task assignment.
- Enhanced system efficiency by integrating probabilistic algorithms for load balancing.
- Built a task history tracker and server load monitoring system for better insights.

Weather App / *React, Material-UI, OpenWeatherMap API* **GitHub | Live Website Link**

- Implemented dynamic weather data fetching and display using RESTful API integration.
- Designed an interactive and visually appealing UI with Material-UI and CSS animations.
- Utilized React state management to handle user input and update weather information dynamically.
- Ensured cross-browser compatibility and responsiveness for mobile and desktop devices.

Technical Skills

- **Languages:** JavaScript, TypeScript, Java, C, SQL
- **Frontend Technologies:** HTML5, CSS3, Tailwind CSS, React.js
- **Backend Technologies:** Express.js, Node.js
- **Databases:** MongoDB, MySQL
- **Version Control:** Git and GitHub
- **Domain Areas:** Full Stack Development, Backend Development, Frontend Development
- **Computer Science Concepts:** Data Structures & Algorithms, Problem Solving, Networking

Certifications

- IBM Full Stack Software Developer – **Coursera**

Education

VIT Pune **2022 - 2026**

BTech in Computer Science and Engineering(Artificial Intelligence)

- **CGPA:** 8.2

Shivsai College (MH STATE BOARD) **2022**

- **12th:** 84.8%

Z.P. High School (MH State Board) **2020**

- **10th:** 89.6%