

Mahesh Rautrao

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Skills

C/C++, C#, JavaScript, TypeScript, SQL, Data Structures and Algorithms

.NET Core, NodeJs, ExpressJs, ReactJs, NextJs, Redux, Redux toolkit, RTK query, Axios, Fetch, Tailwind CSS

MongoDB, Azure CosmosDB, Microsoft SQL Server

Microsoft Azure, Git, Github, Visual Studio, VS Code, Postman, Swagger, Azure Data studio, Azure Cosmos Emulator

Work Experience

PropVivo, Surat

Jun 2024 - Present

CRM Module Lead | Full Stack Developer

- Promoted to lead the CRM module within six months, recognized for ownership, valuable suggestions, and delivering high-quality work on time. Conducted multiple interviews for full-stack roles, contributing to team expansion.
- Owned and managed data migration project, designing mapping logic and validating data integrity while ensuring code quality and maintainability. Led the development of an automated test case system for backend APIs, optimizing code structure and ensuring automated cleanup of test data.
- Conducted first-level reviews of team pull requests and data models, ensuring maintainable and high-quality code across the main API project.
- Developed a robust **Document Library** feature, similar to Google Drive, enabling document uploads, role-based access, folder management, activity tracking, and sharing functionalities.
- Built a **Generic Form System** supporting multiple question types (single/multi-select, text, dropdown, datetime, file uploads), similar to Google Forms. Designed and implemented a **Digital Election System** for HOA, enforcing strict voting rules such as preventing multiple votes from the same household.
- Developed a **Service Request System** for homeowners to request maintenance, integrating a conversation feature for seamless communication. Built an **ARC Request System** to streamline architectural change approvals, ensuring board-level validation and approvals.
- Designed a **Portfolio Access Management System** to grant admins control over association access for specific users.
- Developed multiple **Master Data APIs**, ensuring structured and reusable endpoints for various features.
- Regularly unblocked teammates by providing technical guidance, reviewing code, and improving development flows.

Project Work

Personal Portfolio Website (Next.js, TypeScript, Tailwind CSS)

 GitHub

 Live Demo

- Built a web-first portfolio using Next.js, showcasing my skills, work experience, projects, and blogs.
- Implemented smooth animations, light/dark mode, and SEO best practices for better visibility.
- Developed high-quality, maintainable code with reusable components and TypeScript for type safety.
- Ensured best coding practices, modular architecture, and optimized performance.

Meeting Room Booking System (Next.js, TypeScript, MongoDB, Tailwind CSS)

 GitHub

 Live Demo

- Solved the manual meeting room booking issue by digitizing the process in my organization.
- Developed a full-stack Next.js application with MongoDB for efficient data storage and retrieval.
- Implemented employee and meeting room management with robust validation to prevent conflicts and duplication.
- Enforced rules to ensure start time is before end time, preventing data inconsistencies.
- Designed a smooth user experience with optimized data loading and an intuitive UI, including a well-designed loader.
- Wrote high-quality, maintainable code with best practices, ensuring scalability and performance.

Education

National Institute Of Technology, Jaipur (B.Tech)

Aug 2020 - Jun 2024

Rajarshi Shahu Mahavidyalaya , Latur (High School)

Aug 2017 - Jun 2019

Maharashtra Vidyalaya, Latur (School)

Jun 2017

Awards & Recognition

Rising Star of the Year Awarded for great performance throughout the year, valuable contributions, and timely delivery of high-quality features. Recognized for taking ownership, providing insightful suggestions, and driving impactful results.

Weekly Champion Award Recognized multiple times for consistently delivering high-quality work ahead of deadlines.