

Praveen Kumar

Full Stack Developer | Software Engineer

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EXPERIENCE

Full Stack Developer | Upturn Technology | Chennai | May 2024 – Present
Tech Stack: Angular, Node.js, Express.js, MongoDB

ERP SaaS Platform

- Helpdesk Module: Developed helpdesk team creation, task assignment, and dashboards to track ticket status and team performance.
- Academy Module: Built course, batch, and student management workflows for academic administration.
- Proforma Invoice & Reporting: Implemented dynamic invoice generation, filtering, and export features (PDF/Excel).
- Additional Contributions: Fixed bugs, improved UI/UX, and supported backend integration across modules.

Asset Management System

- Developed core functionality for tracking instrument calibration schedules and managing Annual Maintenance Contracts (AMCs).
- Built dynamic dashboards to visualize asset health, upcoming maintenance, calibration status, and performance metrics for quick decision-making.
- Implemented automated work order generation based on defined maintenance intervals (daily, weekly, monthly), reducing manual tracking and operational delays.
- Worked on both frontend and backend, ensuring seamless integration between the UI and database logic for real-time data updates and user interactions.

Hostel Management System

- Contributed to the early stages of the project by fixing bugs and helping improve overall application stability.
- Developed a report section that displays check-in/check-out history, room allocation details, and occupancy statistics.
- Added recurring Proforma Invoice functionality to support repeated billing needs.
- Built features in the admin panel to manage blog posts and testimonials shown on the website.

TaxStuff – Tax Management Service

- Solely handled the functional frontend development of a tax management platform, building key modules like Client CRUD, Employee CRUD, Proforma Invoice, Recurring Invoice, and Invoice Management.
- Focused on implementing robust business logic and seamless integration with backend APIs to ensure accurate data handling and workflow execution.
- Developed secure authentication flows including Login and Forgot Password functionality.
- Implemented Role-Based Access Control (RBAC) to restrict and manage feature access for Admins, Employees, and Clients.
- Prioritized maintainable and scalable code structure while enabling efficient tax client, billing, and employee management operations..

TECHNICAL SKILL

Programming Languages: Java, JavaScript, TypeScript **Frontend:** Angular, HTML, CSS, Bootstrap,
Backend: Node.js, Express.js, API Development **Databases:** MongoDB **DevOps & Tools:** Git, Postman, BitBucket
Testing & Quality Assurance: Unit Testing, Cypress **Project Execution:** System design, **Cloud:** Microservices, cloud deployment, AWS
Computer Science Fundamentals : Object oriented programming , Logical Thinking

PROJECTS

- Hostel Management System:** (Tech Stack: Angular, Node.js, Express.js, MongoDB)
- Developed a full-stack web application to manage hostel operations efficiently, including user and hostel management features.
 - Implemented secure login functionality along with modules to add new hostels, register users, and assign users to specific hostels.
 - Contributed to the backend logic and frontend functionality using the MEAN stack, ensuring smooth data flow and usability.
 - Focused on functionality and data handling to create a robust and scalable solution for day-to-day hostel management tasks.

COURSE WORKS

- JavaScript Zero to Hero - GUVI (2024)
- Nameste NodeJs - Nameste Dev (2025)
- Java Basics- Greatlearning (2023)

EDUCATION

Ambedkar Government Arts College(2024 passedout)
B.sc in Computer Science
2021 - 2024

DATE :
PLACE : Chennai , Tamilnadu

(Praveen Kumar R)