

Praveen Kumar

Full Stack Developer | Software Engineer

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PROFILE

Passionate and detail-oriented Full Stack Developer with 1 year of hands-on experience in designing, developing, and deploying scalable web applications using the MEAN stack (MongoDB, Express.js, Angular, Node.js). Proficient in building RESTful APIs, dynamic dashboards, and enterprise SaaS modules. Adept in JavaScript, TypeScript, and Java, with strong problem-solving and debugging skills. Demonstrated ability to work across the full software development lifecycle in Agile teams, with additional expertise in AWS (EC2, SES), RBAC, and microservices architecture. Actively contributing to real-time systems with a focus on performance, maintainability, and code quality.

EXPERIENCE

Full Stack Developer | Upturn Technology | Chennai | May 2024 – Present

Tech Stack: Angular, Node.js, Express.js, MongoDB

ERP SaaS Platform

- **Helpdesk Module:** Designed and implemented team creation, task assignment, and real-time dashboards to monitor ticket lifecycle and team efficiency.
- **Academy Module:** Built batch and student management workflows, simplifying academic administration processes.
- **Proforma Invoice & Reporting:** Developed dynamic invoice generation with filtering, export to PDF/Excel, and integrated reporting for financial clarity.
- **Dashboards:** Created insightful, interactive dashboards across modules to visualize performance metrics and support decision-making.
- **Cross-Module Contributions:** Fixed bugs, enhanced UI/UX, and collaborated on backend API integrations to ensure system-wide consistency and functionality

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 during the initial development phase by fixing bugs
- Developed the Report Module to display check-in/check-out logs, room allocation, and occupancy statistics for efficient hostel monitoring.
- Implemented Recurring Proforma Invoice functionality to automate repeated billing cycles.
- Built admin panel features to manage blog posts and testimonials for the website's dynamic content management.
- Developed a Complaint Ticketing System for hostel customers to raise and track support issues, improving issue resolution efficiency and operational transparency.

TaxStuff – Tax Management Service

- Developed core frontend modules using Angular: Client CRUD, Employee CRUD, Proforma Invoice, Recurring Invoice, and Invoice Management.
- Implemented Login and Forgot Password flows with form validation and comprehensive error handling.
- Built Role-Based Access Control (RBAC) to control access for Admins, Employees, and Clients.
- Focused on implementing robust business logic and seamless API integrations for accurate data handling.
- Wrote scalable and maintainable code supporting efficient tax client, billing, and user management operations.
- Developed a Task Management System for assigning and tracking employee responsibilities.
- Implemented an in-app Chat feature to streamline internal communication between employees

TECHNICAL SKILL

Programming Languages: Java, JavaScript, TypeScript **Frontend:** Angular, HTML, CSS, Bootstrap,

Backend: Node.js, Express.js, API Development **DevOps & Tools:** Git, Postman, BitBucket **Databases:** MongoDB

Cloud: Microservices, cloud deployment,Aws(EC2,SES),Nginx **Testing & Quality Assurance:** Unit Testing,Cypress

Computer Science Fundamentals : Object oriented programming ,Logical Thinking

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