Manikandan Prabhu R

Software Engineer at Centizen, Inc.

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Professional Summary

Software Engineer with 3+ years of experience in Angular, TypeScript, and JavaScript. Skilled in building e-commerce websites and optimizing performance. Works well in agile teams and follows best coding practices to write clean and maintainable code and a team player focused on delivering high-quality software and achieving project success.

Skills

Frontend: Angular, Typescript, RxJs, NgRx(SignalStore), Javascript , HTML, CSS
Backend: Node JS, Express JS, Postgresql
Testing: Jest, Jasmine, Protractor
Tools: Git, VS Code, Postman, Sourcetree

Experience

Software Engineer   Dec 2021 - Present
Centizen, Inc.   *Tirunelveli, TN, India*

ZenBasket (E-commerce Platform)
- Worked on key modules of a scalable Angular-based e-commerce platform, contributing to critical UI features and performance improvements.
- Mentored junior developers and conducted code reviews, improving code quality and team efficiency.
- Utilized Angular forms, pipes, directives, and services to build reusable and dynamic UI components.
- Implemented unit and end-to-end testing using Jest, Protractor, and Karma, ensuring high code coverage and stability.
- Developed a reusable product card component, reducing code duplication by 30% and simplifying updates.
- Built a floating cart module with real-time updates using Angular Material, increasing cart retention by 15%.
- Created a dynamic banner module with multiple UI layouts, eliminating 40% of repetitive code.
- Designed a customizable navbar with admin panel integration, enhancing UI flexibility and development speed.
- Built and integrated RESTful APIs for store domain management; refactored existing modules for better maintainability.
- Converted heavy Angular components into web components, reducing bundle size by 75% and improving load performance.
- Used NgRx for state management and lazy loading to optimize performance and reduce redundant API calls by 50%.

Career Portal
- Designed and implemented job listing, detail, and registration modules using Angular and Angular Material.
- Ensured accessibility and responsiveness for multiple screen sizes and browsers.

Education

Kamaraj College of Engineering and Technology, Madurai   Aug 2018 - April 2022
Bachelor of Information Technology in Madurai, TN   *CGAP - 8.3*