

STANLY THANGAMANI P

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PROFESSIONAL SUMMARY

Software Engineer with 2 years 5 months of experience in Angular, TypeScript, and Nodejs. Skilled in building e-commerce websites, DOM manipulation 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

WORK EXPERIENCE

Centizen Inc. — Software Engineer - *February 2023 – June 2025*

ZenBasket (E-commerce Platform)

- **Designed and implemented** key modules of a scalable Angular-based e-commerce platform, contributing to critical UI features and performance improvements.
- 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.
- Created a **dynamic banner module** with multiple UI layouts and animations and made it configurable using JSON, eliminating **40%** of repetitive code.
- Designed and implemented a customizable navbar with admin control panel which provides accessibility to the user to customize their navbar.
- Built and integrated RESTful APIs using Express and NodeJS for store domain management and redesigned & refactored existing domain modules for better maintainability.
- Converted heavy Angular components into web components using Angular Elements which **reduced bundle size by 75%** and improved load performance.
- Implemented state management using NgRx and lazy loading to optimize performance and reduce redundant API calls by 50%.
- Mentored junior developers to maximize their contribution towards the team's development.
- Deployed projects to cloud platforms such as Vercel and Firebase, ensuring CI/CD pipeline integration

Zen Studio (No code website editor)

- Built and maintained the core **Playground module**, enabling users to drag-and-drop elements, edit existing elements, or insert new sections (empty or pre-designed) into a dynamic page layout.
- Responsible for rendering all page content by manipulating a central JSON structure and passing updates to a shared service that reflects changes in the DOM.

- Developed a **custom draggable directive** using raw DOM events, allowing any element to be interactively moved while ensuring the corresponding JSON model stays in sync.
- Developed a **clickable directive** that dynamically opens configuration dialogs based on element type like full configuration modal for advanced elements and a properties panel for simpler ones

Career Portal

- Designed and implemented user interface for job listing, detail, and registration modules using Angular and Angular Material.
- Ensured accessibility and responsiveness of the above pages for multiple screen sizes and browsers.

SKILLS

Frontend: Angular, Angular Material, Typescript, RxJs, NgRx(SignalStore), Javascript , HTML, CSS, SCSS, Web Components

Backend: Node.js, Express.js, REST API, Postgresql

Unit and Automated Testing Frameworks: Jest, Jasmine, Protractor, Cypress

Version Control: Git, Gitlab, Github

Tools: VS Code, Postman, Sourcetree, PgAdmin

Development Methodologies: Agile (Scrum)

EDUCATION

Bachelor of Engineering in Computer Science and Engineering,
National Engineering College, Kovilpatti, Tuticorin, Tamil Nadu, India

2019–2023

GPA- 7.1/10

APPRECIATION

- **Surrealistic Designer 2023** - Centizen, Inc
- **Creative Coder 2024**- Centizen, Inc