

# ANTONY RENOLD DICKSON

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## SUMMARY

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Software Engineer with over 2.5 years of experience developing high-performance, scalable web applications. Proficient in modern frontend frameworks, backend integration, server-side rendering, and state management. Adept at crafting intuitive, responsive user interfaces and writing clean, maintainable code. Passionate about performance optimization and delivering seamless user experiences.

## SKILLS

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- **Frontend Development:** React, Angular, Next.js, TypeScript, Tailwind CSS, Chrome API (Extensions), VS Code API (Extensions)
- **Basic Backend Experience:** Node.js, Express.js, REST APIs, GraphQL
- **Databases:** PostgreSQL, SQL, Firebase, Supabase
- **Tools & Testing:** Git, Jest, Tauri, Webpack, Vite

## EXPERIENCE

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### Software Engineer

Feb 2023 – Present

Centizen, India

India

#### Zenbasket (E-commerce Platform)

- Implemented dynamic theme rendering logic for a shared platform powering 100+ store layouts; utilized JSON schemas to drive layout flexibility and design consistency.
- Built a JSON-driven editor that dynamically renders UI sections and properties based on schema data, allowing flexible page customization without code changes.
- Developed a fully customizable login page experience, allowing merchants to configure layout, styles, and branding directly through the editor interface.
- Implemented server-side rendering (SSR) using Angular universal, reducing page load times by 80%.

#### Zen Studio (No-Code Website Builder)

- Led development of a React-based drag-and-drop builder, enabling non-technical users to publish sites in under 10 minutes.
- Built a JSON-to-HTML parser with custom web components, handling nested structures with 95% accuracy.
- Optimized render flow to reduce re-renders by 70%, enhancing overall performance on low-end devices.
- Engineered an auto-resize utility that dynamically updates JSON-based width and position properties; implemented calc-based styles for responsive components that adapt to screen size in real-time.

## TECHNICAL PROJECT

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### Q-Docs

<https://q-docs.vercel.app>

Built a documentation generator to write, preview, and publish styled documents with embedded code blocks, iframes, and syntax highlighting. Integrated markdown-to-HTML conversion with support for real-time preview and code highlighting using Prism.js, improving documentation quality and author productivity.

## EDUCATION

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### Bachelor of Engineering in Computer Science

2019 – 2023

Mother Theresa Engineering College

India

CGPA: 8.5/10