

Thony Enechi

Full-stack Engineer (Node.js & React)

Johannesburg, Gauteng, South Africa

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Full-Stack Engineer experienced in designing and building scalable web applications using Node.js, React, and TypeScript. Strong background in developing REST APIs, implementing responsive frontend interfaces, and maintaining clean, maintainable codebases following modern engineering principles. Experienced with PostgreSQL, Docker, and CI/CD pipelines, and comfortable working across the full software lifecycle in collaborative Agile environments.

Skills

- **Languages** — JavaScript, TypeScript, Python
- **Back-End** — Node.js, Express, REST API design and implementation
- **Front-End** — React, TypeScript, Tailwind CSS, GSAP, responsive design
- **Databases** — PostgreSQL, MySQL, Redis, MongoDB
- **DevOps** — Docker, Git, GitHub, CI/CD pipelines
- **Testing & Tools** — Jest, Postman, automated testing, Clean Code principles

Selected Projects

- **Let's Cook** — [GitHub repo](#) | [Website](#)
 - Designed and implemented REST APIs using Express and PostgreSQL to support authentication, recipe saving, and user data management.
 - Developed a responsive frontend using React, React Router, and Tailwind CSS.
- **DevPortfolio** — [GitHub repo](#) | [Website](#)
 - Developed a responsive, high-performance portfolio website using React with a strong focus on intuitive UX, accessibility, and modern UI design principles.
 - Designed and implemented accessible, user-centered UI with SEO optimization and Lighthouse performance improvements.

Experience

Full-stack Engineer

Jan 2024 – Dec 2024

University of Johannesburg, Johannesburg, South Africa

- Designed and developed full-stack features using Node.js, Express, and React, including REST APIs and responsive frontend interfaces.
- Implemented PostgreSQL database schemas and optimized queries for performance and scalability.
- Led a 4-person engineering team, contributing to architecture decisions and ensuring clean, maintainable code.
- Containerized the application using Docker and supported deployment workflows.
- Used Git and CI/CD workflows to manage code integration and ensure stable deployments.

Web Developer

Jun 2022 – Oct 2022

Enactus Mount Allison University, New Brunswick, Canada

- Built a responsive React-based web platform supporting a sustainability initiative to reduce textbook waste and improve educational access.
- Optimized frontend performance and maintainability to support long-term scalability.
- Collaborated with cross-functional stakeholders to translate user needs into functional interfaces.

Education

University of Johannesburg

Jan 2023 – Dec 2025

BSc (Hons) in Computer Science, AI Specialization