

# Thony Enechi

Full-stack Developer

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Full-stack developer specializing in scalable solutions with React, Node.js, and MySQL. Led a team of 4 in frontend development for the University of Johannesburg's Postdoctoral Research Fellows Programme, delivering a system that automated 80% of manual processes, cut admin workload by 30%, and supported 1000+ users with an intelligent matching algorithm that improved placement success and efficiency.

## Skills

- **Front-End** — HTML5, CSS3, JavaScript, NextJS, ReactJS, TypeScript, Tailwind, Bootstrap
- **Back-End** — Node.js, Express.js, REST APIs, WebSockets
- **Databases** — MongoDB, MySQL, PostgreSQL, Firebase
- **DevOps & Tools** — Git, GitHub, Docker, Postman, Nginx, CI/CD (GitHub Actions)
- **Testing** — Jest, Mocha, Chai, Cypress
- **Other** — Agile/Scrum, Responsive Design, MVC Architecture, API Integration

## Personal Projects

### DevPortfolio — [GitHub](#) | Live Demo

- Built a responsive portfolio with CMS-driven content, real-time content management via GROQ query language, SEO routing, and optimized deployment.
- Tech stack: Next.js, Tailwind CSS, Sanity CMS, Vercel

### ShopStack — [GitHub](#) | Live Demo

- Developed an e-commerce platform with secure checkout, dynamic pages, and scalable deployment on Render/Netlify.
- Tech Stack: React, Node.js, Express, Strapi (with PostgreSQL), Stripe

## Experience

### Full-stack Developer

Jan 2024 - Dec 2024

University of Johannesburg, Johannesburg, South Africa

- Developed an automated platform to manage Post-Doctoral Research Fellows (recent PhD graduates advancing research skills), enhancing research collaboration and skill development.
- Led a four-developer team using React, Node.js, MySQL, and RESTful APIs with JWT authentication, delivering a secure and efficient system.
- Built a real-time progress tracking dashboard with Chart.js, significantly improving user satisfaction based on university feedback.
- Optimized query response times with MySQL indexing and Redis caching, ensuring high performance.

### Web Developer

Jun 2022 - Oct 2022

Enactus Mount Allison University, New Brunswick, Canada

- Designed a responsive, sustainable website using React, reducing textbook waste and supporting the Textbook Osmosis initiative.
- Collaborated with a team to deliver high-quality software, integrating modern technologies and earning community leadership recognition.
- Utilized GitHub for version control, enhancing project efficiency and team collaboration.

## Education

### University of Johannesburg

Jan 2025 - Present

BSc Hons in Computer Science with AI specialization