Thony Enechi
Full-stack Engineer (Node.js & React)
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Full-Stack Developer 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, data validation, workflow logic
- **Front-End** — React, TypeScript, Tailwind CSS, GSAP, responsive design
- **Databases** — PostgreSQL, MySQL, Redis, MongoDB, schema design & optimization
- **DevOps** — Docker, Git, GitHub, CI/CD pipelines
- **Testing & Tools** — Jest, Postman, automated testing

Selected Projects

- **Let's Cook** — GitHub repo | Website
  - Designed and implemented REST APIs and database workflows using Express and PostgreSQL, including secure JWT authentication and validation of user data.
  - Developed a responsive frontend in React and Tailwind, delivering end-to-end feature ownership and maintainable code.

- **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 delivered full-stack features end-to-end using Node.js, Express, React, and PostgreSQL, ensuring reliable workflows and maintainable code.
- Implemented database schemas, validation, and optimized queries to maintain correctness and performance.
- Led a 4-person engineering team, contributing to architecture decisions, code reviews, and engineering standards.
- Containerized applications with Docker and supported CI/CD pipelines for robust deployment.
- Maintained automated testing coverage to ensure accuracy and prevent regressions.

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