Daniel Yatali

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SUMMARY

Software engineer with over 3 years of experience designing and developing scalable, high-performance web applications. Proficient in modern JavaScript/TypeScript frameworks, Go, and Python, with a strong track record of delivering robust end-to-end solutions from concept to production. Experienced in both independent and collaborative agile environments, solving complex technical challenges and building impactful, user-focused products. Passionate about creating innovative software that makes a difference.

SKILLS

Languages: JavaScript, TypeScript, Python, Go, HTML/CSS
Frameworks and Libraries: Next.js, Nest.js, Nuxt.js, React, Vue, React Native, Fast API, Flask, Go Fiber, Capacitor, Prisma
Tools: Git, Jira, Docker
Other: Responsive Design, REST, API Integration, Agile Methodologies, Railway

EXPERIENCE

Freelancer/Contractor
November 2024 - Present
CZITT

- Single-handedly developed the entire project for the Carbon Zero Institute of Trinidad and Tobago. Led architecture, backend, frontend implementation, database modeling, and deployment
- Designed a scalable system that allows individuals and businesses to advertise eco-friendly products and services, making it easier for environmentally conscious buyers and communities to discover sustainable solutions.
- Built intuitive interfaces and admin tools to manage listings/companies, ensuring accessibility and ease of use for both providers and consumers.
- Integrated with payment providers like Wipay to support subscription-based listings

Wepala

- Contracted to develop a robust educational AI platform for medical students. Created responsive UIs for various screen sizes, including desktop, mobile, and landscape tablets. Ensured clean visual hierarchy to support effective learning and test-taking. Collaborated with stakeholders to prioritize feature sets and deliver pixel-perfect implementations.
- Provided end-to-end project support, including architecture design, code development, and testing.
- Demonstrated strong project management and client communication skills to meet deadlines and exceed expectations.

Software Engineer — *Wepala*
Tech Stack: ***JavaScript, Nuxt, Vue, Go, Python, Capacitor***
August 2022 - November 2024

- Led all front-end initiatives in the development and maintenance of a responsive, cross-platform financial management app

- Engineered and maintained a suite of scalable APIs to support dynamic application features.
- Led the integration of iOS and Android subscriptions using RevenueCat to allow seamless in-app purchases
- Implemented a GraphQL service to query third-party APIs, streamlining data retrieval and reducing API response time
- Engineered large language model (LLM) prompts, improving user insights on financial data (QuickBooks) through enhanced natural language comprehension
- Built notification and alert systems using cron jobs, enhancing user engagement and timely updates
- Built an integration system in collaboration with backend teams that improved API development speed and consistency across services.

Intern — *Wepala*
Tech Stack: ***Go, Vue***
April 2022 - July 2022
- Created intuitive UI components for content management systems using Vue.js.
- Built robust APIs using a proprietary framework combined with OpenAPI specifications, laying the groundwork for efficient data exchange and system integration.

PROJECTS

The Ecodirectory — A web application for discovering and sharing sustainable solutions.
- A web application designed to connect users with sustainable solutions by enabling browsing and posting of eco-friendly initiatives and services.
- Tech Stack: **Nestjs, Prisma, React, Next.js, Postgres**
- Key Contribution: Single-handedly developed the entire project as a contracted engagement with the Carbon Zero Institute of Trinidad and Tobago. Responsibilities included architecture design, backend and frontend implementation, database modeling, and deployment.

Trini Produce — E-Commerce Web Application
- Developed a web application for local farmers and vendors to sell their produce online, featuring real-time data updates and responsive design.
- Tech Stack: **Go Fiber, React, Next.js, MongoDB**
- Key Contribution: The entire project was built by myself as a passion project for farmers in my community first with expansion to the country at large.

MinuteMind — AI-Powered Meeting Assistant
- Developed an innovative web application leveraging advanced large language models to transform meeting audio into concise summaries and actionable items.
- Tech Stack: **Fast API, React, Watsonx.ai, OpenAI Whisper**
- Key Contribution: Led and mentored the team in developing the application's front end and backend, ensuring successful project delivery.

Ask The Shelf— AI-Powered Shopping Assistant
- Created a web application that combines large language models and web scraping technologies to enable natural language queries for Amazon product search, comparison, and detailed information retrieval.
- Tech Stack: **Fast API, Nuxt.js, MongoDB, Scrapy, Google Gemini**
- Key Contribution: I independently built the entire project from the ground up as a start-up venture.

EDUCATION

University of West Indies, St. Augustine
Sept 2020 – 2023
Bachelor of Computer Science (First Class Honors)
- Computing and IT Help Desk Volunteer - 2022–2023
- Awarded for the Best Year 2 Performance in Computer Science - 2022
- Dean's Honour Roll - 2020 - 2023