Timothy Itayi

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EDUCATION

Dev Academy Aotearoa New Zealand   **May, 2023**

- *Waitless Full-Stack Web Application*
  React-Tailwind-NodeJs-MongoDB Led a team to design and build a full-stack restaurant management web app using React, Node.js, MongoDB, and Tailwind. Implemented APIs, designed reusable components, and ensured smooth backend–frontend integration with real-time updates.

CLOUD PROJECTS

Photo Dump   **April. 2025**
Personal Project   *AWS*

- Developed a serverless web application for users to upload and manage photos, leveraging AWS S3 for scalable and cost-effective storage and serverless functions for backend logic.

Message in a Bottle   **April. 2025**
Personal Project   *AWS*

- A simple full-stack web app that lets users send anonymous "messages in a bottle" to a public feed powered entirely by AWS serverless services with DynamoDB

WORK EXPERIENCE

AMBER   **Jan 2026**
Personal Project   *React-Native-Expo*

- AMBER is a single-player narrative decision-making game set in a dystopian sci-fi world. Players take the role of a security operator at an interplanetary transit checkpoint.

Restock   **August. 2025**
Personal Project   *React-Native-Expo*

- This app leverages AI to format and sort suppliers and products items from images like stock item lists.
- Focus on generating a formatted text list which the user can export via the native iOS Share Sheet to their preferred communication app (Messages, WhatsApp, or Mail).

Showdown   **July 2025**
Personal Project   *React-Native-Expo-Supabase*

- Built a mobile card battle game in React Native with animated transitions, attribute comparison logic, and Supabase integration for game data and Scoreboard.
- Focused on clean UI/UX, game state transitions, and extensible component structure.

Stacks   **July 2025**
Personal Project   *Sveltekit-PIXIjs*

- Developed an arcade-style stacking game using JavaScript and HTML5 Canvas, featuring game loop logic, collision detection, and responsive controls.
- Focused on smooth rendering, debug tooling, and cross-browser consistency. Deployed on Vercel.

CERTIFICATIONS, SKILLS & INTERESTS

- **Certifications:** Applied Software Development, Introduction to Computer Science
- **Technologies:** React, TypeScript,Postgres, Git, C, C++, Python, AWS, Jest,Playwright, PixiJS(learning), Svelte, Jest, Playwright, Github actions, Vercel
- **Skills:** Collaboration, Communication, Code Reviews, Agile Workflows, Remote Team Coordination
- **Interests:** Sim Racing; Endurance Racing; Boxing; Calisthenics; Reading