

Timothy Itayi

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SUMMARY

With 3 years of experience in full-stack and mobile app development from a rigorous Dev Academy bootcamp and Harvard CS50 certification. Skilled in building scalable applications using React, React Native, AWS, and TypeScript. Developed multiple projects focusing on complex state management, real-time data syncing, and serverless architectures. Eager to contribute to innovative teams in Melbourne or Remote, leveraging agile workflows and CI/CD practices to deliver high-impact solutions.

SKILLS

Languages: TypeScript/Javascript, C.

Backend : Node.js, PostgreSQL, Supabase.

Tools & DevOps: Git, GitHub Actions, Vercel, Jest, Playwright

Practices: Agile Workflows, CI/CD, Remote Team Coordination

Frontend: React.js, React Native, Svelte, PixiJS

Cloud: AWS (S3, DynamoDB)

PROFESSIONAL EXPERIENCE

[AMBER](#) (Surveillance Sim Game)

Jan 2026

React-Native-Expo

- **Developed** a single-player decision making game simulating a transit hub operator role, using React Native and Expo to implement document review, database checks and branching narrative consequences.
- **Integrated** a casualty system with a visual node map to track decision impacts with live news alerts, focusing on state management.

[Restock](#) (Inventory Utility IOS App)

August 2025

React-Native-Expo

- **Developed** an offline-first mobile app for small retailers to streamlining stock management by using Ai to parse inventory lists, allowing managers to select items for restocking instead of pen and paper cross checking
- **Engineered** an export feature utilizing the native iOS Share Sheet, enabling users to seamlessly share formatted data via Messages, WhatsApp, or Mail.

[Showdown](#) (Mobile Card Battle Game)

July 2025

React Native-Expo-Supabase

- **Built** a mobile card battle game using React Native, featuring custom animated transitions and complex attribute comparison logic.
- **Integrated** Supabase for real-time game data management, maintaining a synchronized scoreboard that updated with no delays in local testing

[Photo Dump](#) (Cloud Storage Project)

April 2025

AWS

- **Integrated** AWS S3 and Lambda functions to create a basic scalable storage solution for media assets, successfully handling uploads and retrievals for dozens of test files in a learning-focused setup.

[Message in a Bottle](#) (Serverless Project)

April 2025

AWS

- **Developed** a simple serverless architecture using AWS Lambda and DynamoDB to practice data storage and retrieval in under a second during prototype testing to explore storage efficiency.

EDUCATION/CERTIFICATIONS

[Dev Academy Aotearoa New Zealand](#)

May 2023

- Engineered full-stack applications with React, Redux, and SQL databases during an intensive 6-month in-person bootcamp, leveraging daily hands-on pair programming.

[Harvard CS50 Intro to Computer Science](#)

Apr 2024

- Applied core computer science fundamentals, algorithms, and data structures to build functional solutions in C, Python, and SQL over a rigorous 4-month curriculum.