James Stewart

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Innovative software developer and business consultant specializing in full-stack solutions with expertise in JavaScript, TypeScript, React.js, Next.js, and Go. Passionate about e-commerce, AI integration, and creating niche SaaS solutions to drive business growth.

Professional Experience

Co-Axiom Associates
Consultant / IT Admin

October 2020 - Present
Auckland, NZ

- Setup and managed employee Microsoft business accounts to ensure safety and security within the organization.
- Provided assistance on IT related business consulting leveraging my knowledge and development experience to suggest software solutions.
- Developed and migrated the company website & Co-Axiom's charitable arm, Heaven Sent's website, from Squarespace to Vercel to allow for more custom solutions as the need arises, as well as saving the company $330NZD pa in hosting costs.

3rdegree
Volunteer Frontend Developer

August 2020 - October 2020
Auckland, NZ

- Developed a prototype dynamic interface in React, TypeScript using D3.js to visualize conflicts of interest in the anti-fraud platform.

Lifespan Trust Ltd
Intern Developer

February 2019 - December 2019
Auckland, NZ

- Developed a mobile app, NapOptimize, in a small team using Dart's Flutter framework, as my final year project at university.
- Designed and implemented a sleep detection algorithm based on the CEO's specifications to enhance the applications functionality.
- Assisted team members in writing idiomatic Flutter code to improve code quality and maintainability.

Projects

Casetum
https://casetum.vercel.app

June 2024 - August 2024

- Utilized Next.js (TypeScript), NextAuth, Tailwind CSS, Prisma ORM, PostgreSQL, Vercel CI/CD, Uploadthing, Stripe, and Resend to develop a comprehensive mock storefront for a custom phone case e-commerce shop.
- Developed a solution which enabled photo upload and storage, real-time resizing, and placement on phone cases, enhancing the user experience for customizing products.
- Integrated Stripe for seamless payment processing, allowing customers to complete orders efficiently.
- Developed an admin dashboard accessible via designated admin email addresses for managing the order status of all placed orders.

BDOdle
https://www.bdodle.com

May 2024 - June 2024

- Employed Next.js (TypeScript), NextAuth, Tailwind CSS, Drizzle ORM, PostgreSQL, Vercel CI/CD, and CronJobs to create BDOdle, a Wordle-inspired game for the Black Desert Online community.
- Implemented a daily game mode with a shared answer for all users within a 24-hour period, enhancing community interaction.
- Developed an arcade mode allowing users to play repeatedly without being constrained by daily timers, increasing user engagement.
- Created a content creator leaderboard, displaying scores of Black Desert Online content creators, fostering community competition and recognition.

Education

Auckland University of Technology
Bachelor of Computer and Information Science

February 2013 - November 2019
Auckland, NZ

- Major in Software Development
- Interned at Lifespan Trust Ltd during final year for university project.

Professional Certificate
Google Cybersecurity Certificate

October 2023 - May 2024
Remote

- Covered basics of Python, Linux, SQL, SIEM tools, IDS, how to identify risk and mitigate it.

Skills

Experienced With	JavaScript/TypeScript, React.js/Next.js, Go, PostgreSQL, Tailwind CSS, HTML/CSS, Drizzle/Prisma ORM
Familiar With	C#/.NET, Dart/Flutter, Git
Limited With	Python, Java, Docker, Linux, SQLServer