Sam Windsor

Developer

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EDUCATION

Certificate in Applied Digital Technology Product Solutions, L6

- 📅 2023-2024
- 🎓 Mission Ready

Diploma in Web Development and Design

- 📅 2022
- 🎓 Whitecliffe College

Diploma in Recreation Leadership

- 📅 2007
- 🎓 Christchurch Polytechnic

SKILLS

HTML / CSS
JavaScript (incl. React, Next.js, Node.js, Express.js, Typescript)
Docker
Google Cloud / Firebase
Microsoft Azure
MongoDB
Prisma
Python
C#
Git

OTHER SKILLS

Photography
Lightroom / Photoshop
Collaboration and Teamwork
Group Management
Training and Leadership
Analytical thinking

WORK EXPERIENCE

Matchstiq   **Jan 2024 – June 2024**

Fullstack Developer

Fixed term role focused on building new features and working on existing platform infrastructure.
My primary project with Matchstiq was developing and integrating a service to allow customers to migrate data from an existing platform to another and improve the user experience through ease of use. Other tasks I was involved with included updating and improving existing features, as well as identifying and fixing bugs.

- Node, Puppeteer, React.js, Next.js, Google Cloud, MongoDB, Prisma, Docker, GitHub, CI/CD, Tailwind CSS
- Designed and developed a data migration service for business clients
- Implemented front end integration for new services
- Identified and fixed bugs in the existing code base
- Developed and integrated reporting and statistics services
- Assisted in updating and improving existing platform features to optimize user experience

NZ/AUS/Japan/USA   **2009 - 2021**

Snowsports Coach and Supervisor

Over 10 years working in the snow industry for various resorts all over the world. Working in these roles requires the ability to create genuine connections and rapport with my clients, working on progression plans over multiple days during their stay at a resort, and often during very challenging times and conditions.

- Facilitated training for school procedures, future exams, professional and personal improvement
- Responsible for daily and seasonal scheduling
- Planned and facilitated programs for groups including Australian military services and local schools
- Facilitated daily line up assignments and meetings/stand ups
- Responsible for daily and seasonal scheduling

Credit Consultants   **2012 – 2015**

Client Liaison Officer

Responsible for the oversight and management through the credit settlement process for several accounts spanning a range of industries including parking, telecommunications, energy and various others.

- Case manager of client debts
- Resolution of complex and fragile cases
- Developed training resources and provided guidance for incoming staff
- Liaised with a variety of stakeholders to best address and resolve individual accounts

PROJECT EXPERIENCE

Client Job Migration Service

Developed a solution to allow clients of Matchstiq to scrape their own job listings from other platforms in order to easily migrate data to a new service. This service improved the platform functionality and ease in onboarding new clients for Matchstiq.

- Node.js, Puppeteer, Google Cloud, MongoDB, Prisma and Docker
- Designed and developed a solution for a business to improve client onboarding
- Significantly reduced client time in onboarding and creating new job postings
- Implemented an API and front end integration via user triggered UI
- Implemented data sanitisation and security practices
- Integrated reporting services using Slack webhooks API

Whale Watch App

Privately designed and developed a mobile PWA for whale and cetacean sightings that will programmatically tweet if a submission is made. Users can also subscribe to push notifications to get alerts within a selected distance range.

- React.js, Google Firebase, Twitter API, Mapbox API
- Implemented real time push notifications with Firebase Messaging
- Developed to be installable as a PWA for iOS and Android and responsive for all devices
- Conducted research to identify bugs, feature improvements and optimize the user experience
- Enhanced platform security features including user authentication and database protections
- Optimized platform usage and reduced operational costs by minimizing database traffic, implementing efficient query practices, and employing caching strategies.

Metro Rentals Website

A project in collaboration with two other developers and two UI/UX students during studies. The website provides a list of rental properties from a database and booking form for viewings.

- React.js, MongoDB, Docker, express.js, REST API, Figma, Jira
- Developed documentation and resources for other developers
- Collaborated with the UX team for reviews and testing
- Facilitated and implemented agile practices for the team such as daily stand ups and kanban board