


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

## OTHER SKILLS

Photography  
Lightroom / Photoshop  
Group Management  
Training and leadership

## PROFILE

User centric focused developer with a background in sports coaching. Proficient in technologies such as HTML, CSS and a range of Javascript frameworks with an interest in design and usability. Versatile and skilled in utilizing a variety of frameworks, with an eagerness to support teammates and adapt to meet expectations.

## WORK EXPERIENCE

**Matchstiq** **Jan – April 2024**

*Fullstack Developer (Internship)*

I have recently completed a fixed term role at Matchstiq focused on building new features and work 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.

Key skills and responsibilities:

- Node, Puppeteer, Next.js, Google Cloud, MongoDB, Prisma, Docker, GitHub, CI/CD
- Collaboration alongside other developers
- Planning and implementation of new features
- Code reviews and daily standups
- Assisted in updating and improving existing platform features to optimize user experience
- Identifying and resolving bugs and issues in the platform

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

*Snowboard Coach and Supervisor*

Since 2009 I've been a snowboard instructor and coach 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.

Over this time one of my favorite roles as an instructor is training other instructors to increase their knowledge and provide better service to their own clients. Being able to share knowledge from my years to assist in their success and enjoyment of the job is a rewarding experience.

Key skills and responsibilities:

- Instructor training and exam prep
- Adaptability in changing situations and scenarios
- Planning and problem solving
- Group management
- Customer service
- Scheduling and time management
- Management of customer/client expectations

REFERENCES

Available on request

Credit Consultants2012 – 2015

Client Liaison Officer

Management through the credit settlement process for a number of accounts spanning a range of industries including parking, telecommunications, energy and various others. Other duties included assessing disputed cases, handling and resolving complex or critical cases, and providing direction for the collection and floor team. During this role I continually adapted to new responsibilities and roles to help fill gaps in the team and workplace.

Key skills and responsibilities:

- Case manager of client debts
- Resolution of complex and fragile cases
- Support point for other team members
- Debtor complaints and queries
- Point of contact for client accounts

PROJECT EXPERIENCE

Job/Web Scraper

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 scraper improved the platform functionality and ease in onboarding new clients for Matchstiq.

- Utilised Node, Puppeteer, Google Cloud, MongoDB, Prisma and Docker
- Accessed public facing API's and DOM scraping
- Contributed to the design and planning of the project's functionality and flow.
- Implemented front end integration via user triggered UI
- Integrated reporting services using Slack webhooks API

Whale Watch App

As a photographer interested in recent whale sightings, I wanted to create a way for users to more easily share and get informed about recent sightings. I privately designed and developed a PWA for whale and cetacean sightings that will automatically tweet if someone makes a submission, or can send push notifications within the users selected distance range.

- Utilises React, Google Firebase, Twitter API, Mapbox API
- Implemented real time push notifications with Firebase Messaging
- Developed to be responsive for all devices and installable as a PWA for iOS/Android
- 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.