Warrick Smith

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LinkedIn | **Personal-Portfolio**

PERSONAL SUMMARY

Full stack web developer able to leverage broad work experiences to solve problems across multiple industries and sectors, allowing me to quickly grasp concepts and issues in order to effect relevant and robust technical solutions. Able to adapt to new technologies and learn quickly.

TECHNICAL SKILLS

- **Frontend** – HTML, CSS, React, Tailwind, Javascript ES6+, Redux, Functional Programming, API Integration, Vite, Typescript, Jest, Auth0.
- **Backend** – Node.js, Bun, Express, Koa, Axios, Jest, OpenAPI 3.0 / Swagger Server, Typescript
- **Database**- MongoDB / Mongoose, PostgreSQL
- **Cloud** – AWS (Lambda functions, S3 Buckets, ECS, ECR, CloudFormation, Cognito, Parameter Store), GoogleDocs.
- **3rd Party** (API Interfacing) – GoogleDocs, Hubspot, Sendgrid, Valocity (property address and valuation api), AWS.
- **DevOps** – AWS deployments using Serverless and GitHub scripts. On-Premises hosting using VM's, Ubuntu, Docker. Git / GitHub CI/CD pipeline management.

EMPLOYMENT HISTORY

Neo (Wholesale Mortgage Lending Start-up www.neo.nz)   Auckland
Software Engineer full time   08/2022 – 08/2024
- Implementing full stack B2B and B2C web applications for automating loan application, loan application assessment through to full client mortgage account management services.
- Maintain and add features to various Web application from B2C loan application, Application processing, banking customer portal, investor warehouse administration.
- Maintain and add features to various backend API servers and AWS Lambda microservices.
- Implement 3rd party backend and frontend integrations, ie, create documents using GoogleDocs, upload files to AWS S3 Buckets, update client application details in Hubspot.
- Migrate external contractor library dependencies to AWS privately hosted npm repositories.

Developers Institute   Whangarei
Student full time   06/2021 – 07/2022
- Learning full stack development focused on the MERN & PERN technology stacks, Auth0, Docker, Git/Github, Jest and DevOps utilising Lean and Agile methodologies, resulting in straight A's.

Divest Business Sales   Auckland
Business Broker   2014 - 2021
- Broker business sales by attracting clients, marketing businesses for sale, negotiating sales and agreements, concluding sales and business ownership transitions. Successfully sold many businesses.
- Implement Dynamics CRM for personal prospect, client and account management. Successfully deployed and maintained a private cloud implementation of Microsoft Dynamics CRM integrated with Outlook.

TECHNICAL PROJECTS

NOTE: I self-host all projects containerised using Docker/Portainer on an 'On Premises' Ubuntu server.

WS-Profile (React / Typescript)
My Personal profile self-hosted Web Server hosted at warricksmith.com

RaceDay (React / Nodejs) – Github | Client Application | API Server Specification
An application and API server to allow for Australian TAB live and historical racing data to be viewed and analysed.
- Implemented a client React app to query and present Australian TAB racing data.
- Implemented an API server to query the Australian TAB server using Node.js, and express.
- Updated the client react app to interface with the API Server.
- Utilised jest and react testing library for unit testing of the client app and Swagger API Server.

  Currently working on V2 of this project which will use NextJS, Bun, Elysiajs, typescript, Axios).

Reservationizr (React / Nodejs / MongoDB) - Github | Demo App
An application to allow users to make reservations at local restaurants
- Implemented a client React app to enable customers to make and view restaurant reservations
- Implemented a Node.js API Server with MongoDB to serve product data
- Utilised Auth0 and secure route for a customer to view their reservations.

AI Tic-Tac-Toe (Vite, React, Nodejs, Gemini Ai API) – Github | Demo App
- A simple Tic-Tac-Toe application with AI playing as the opponent.
- React frontend with conditional prompting based on AI response.
- AI API backend which accepts a payload specifying model and prompt.
- API Backend interfaces with Google Gemini AI API to generate a response which is passed back to the T-c-Tac-Toe application.

Cat Couture (React / Nodejs / PostgreSQL) – Github | Demo app
An online shopping application for Cat Couture products.
- Implemented a React online shop storefront to present product information obtained from an API Server
- Implemented a Node.js API Server with PostgreSQL DB to serve product data
- Utilised Auth0 for secured product reports.

EDUCATION HISTORY

Developers Institute   Whangarei
Level 5 Diploma in Web Development and Design   06/ 2021 - 06/2022

Amazon Web Services (AWS) Academy   Online - US
[Amazon Web Services Academy Cloud Foundations](#)   12/ 2021

Open Polytechnic   Wellington
National Certificate in Real Estate   03/ 2014 - 06/2014

Auckland University of Technology   Auckland
New Zealand Certificate in Engineering   1992 - 1993

REFERENCES

Nick Buttar – Head of Product – Technology, Neo
Ph: 020 4157 3378 | nick.buttar@neo.nz
Nick is my direct manager.

Paul Park – CEO, Neo
Ph: 021 838 766 | paul@neo.nz
Paul is the CEO of Neo.

Ashley Sharp – Senior developer, Neo
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Ashley is my Team Lead.

Mark LeNoel – Production Manager, Cambrian Plastics
Ph: 027 496 6970
Mark is a long-time personal friend who can attest to my character