

Ai Oakenfull

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PROFESSIONAL SUMMARY

With a background in Systems Support Engineer and Support Technician over 10 years, I embarked on a new career path that combines my passion for creativity with technology. I have completed multiple courses focusing on different areas within the Software Engineering space to further my knowledge. Currently completed my certification in Software Engineering through Institute of Data. I excel in problem-solving and time-management skills. Additionally, my experience in metalsmithing has honed my eye for detail. I am seeking for a junior software developer role where I can leverage my programming skills to deliver interactive full-stack web applications that provide exceptional user experiences.

ACHIEVEMENT

- **Drawer** (Note-taking app): <https://github.com/popo26/Drawer-FullStack>
- **API Documentation** (Swagger-like app): <https://github.com/popo26/API-Documentation>
- **Luise Vuitton** (E-Commerce): <https://github.com/popo26/ECommerce-Express>
- **JKET Parent Rego** (Visitor Registration): <https://jket-rego-demo.onrender.com/> ([Live](#) in use)
- **Freestuff** (E-Commerce): <https://freestuff-demo.onrender.com/>

WORK HISTORY

Three Pines Studio Limited: Full Stack Web Developer [Volunteer]
Auckland, AUK • 02/2024 - Current

- Gathered requirements and scope details.
- Prototyped low-fidelity design using Figma, accompanied by a flowchart outlining key functionalities.

SKYCITY Entertainment Group: Web Developer
Auckland, AUK • 02/2023-08/2023

- Reprocess/Troubleshoot of BizTalk jobs with Dynamics365 and MS SQL.
- Wrote unit testing of BizTalk application for core features(C#).
- Engaged with business stakeholders to collect, defined, translated user requirements into implementation plans and optimize the current chatbot queries. Deployed it to UAT environment (Power Platform/CICD Pipeline/Azure DevOps).
- Performed analysis on Keyless application API to validate actual daily usage of the application in Adelaide EOS hotel(Kusto query).
- Patched production servers and ensured applications work before and after the patching.

Japan Kauri Education Trust: Full Stack Web Developer [Volunteer]
Auckland, AUK • 05/2022-12/2022

- Coded websites using HTML, CSS, Bootstrap, Python with Django framework and PostgreSQL.
- Implemented changes and integrated requested elements to streamline business operations.
- Delivered user support to clients to train, educate and answer questions.
- Migrated data and change hosting provider from Heroku to Render.
- Saved administrative cost of 700NZD annually.

Fraedom Limited/Visa Inc: SYSTEMS SUPPORT ENGINEER/IT SUPPORT TECHNICIAN
Auckland, AUK • 03/2012-01/2022

- Communicated with CrashPlan to verify roots and causes of backup problems.
- Maintained Microsoft Deployment Toolkit for global OS deployment.
- Setup remote deployment method for MacOS and Hyper-V users with specific images during COVID19 lockdown.
- Created custom OS image with Dell ImageAssist to pre-load new laptops before dispatch.
- Implemented technical solutions to solve customer issues and increase satisfaction.

EXTRACURRICULAR&CERTIFICATIONS

J.P. Morgan Software Engineering virtual experience on Forage • 02/2024

Set up a local dev environment by downloading the necessary files, tools and dependencies. • Fixed broken files in the repository to make web application output correctly. • Used JPMorgan Chase's open source library called Perspective to generate a live graph that displays a data feed in a clear and visually appealing way for traders to monitor.

Accenture Developer Job Simulation on Forage • 01/2024

Define technical requirements • Design changes to an existing architecture • Scale on-premise system infrastructure to the cloud • Reading and understanding code • Attention to detail • Debugging algorithms, Unit testing • User Acceptance Testing • Security maturity assessment • IAM policies and permissions • Securing SDLC • Shaping the problem, Data and Privacy

Skyscanner Front-End Software Engineering virtual experience programme on Forage • 01/2024

Completed a job simulation where I built a web application using React as a front-end engineer at Skyscanner. • Developed a page for picking a travel date using Skyscanner's open-source Backpack React library. • Customised my application and ran automated tests to ensure it rendered properly.

SKILLS

- React.js / Node.js / Express.js / Next.js
- HTML / CSS / JavaScript
- Python / Django / Flask
- PostgreSQL / MS SQL / MongoDB
- Version Control (Git/GitHub)
- C# / Bash scripting
- Azure DevOps
- CICD Pipeline
- Active Learning

EDUCATION

Institute of Data & AUT
Remote(Auckland, NZ) • 07/2023-01/2024

Software Engineering

- Software Development Principles.
- Version Control, Figma
- JavaScript, Node.js, Socket.io, React.js
- MongoDB, MySQL, Redis
- API Development
- CI/CD with GitHub Actions
- Docker, AWS EC2, Beanstalk

CodingNomads (Mentorship Program)
Remote(USA) • 02/2022-07/2022

Python Web Development

- Django & Flask for Back-end Web Development.
- Heroku/AWS deployment.
- SQL & Relational Database Basics.
- Unit Testing (Unittest & Pytest).
- TDD.
- REST APIs.

AIMS I.T.ACADEMY
Auckland, NZ • 01/2011-09/2011

System Administration (Diploma)

- CompTIA A+ Certified Computer Technician
- Microsoft Certified Professional (MCITP)
- Cisco Certified Network Associate (CCNA)

[Award]

- Distinction in Academic Achievement – CiscoCertify Network