

Full-Stack Software Developer with 7 years of experience building scalable systems and delivering practical solutions. Recently focused on using AI tools to create smarter and more impactful features. Looking for the next challenge where I can keep pushing what's possible.

EMPLOYMENT HISTORY

2022—Present, Software Developer | AskNicely

Developed and architected platform features

- Created APIs for content summarization with AWS Bedrock, Claude and Chat-GPT
- Architected new bot logging and detection systems collaborating with support teams on design and deployment
- Investigated and resolved customer issues as part of an engineering support desk rotation
- Implemented Multi-Factor Authentication improving platform security

2020—2022, Developer in Test | InMusic

Part of a cross functional team providing integration test coverage for feature work

- Created MJS Page Objects wrapping QML Objects for ease of test development
- Implemented VEGA visualisations in kibana for real time monitoring of test data
- Developed automation tests to reduce frequency of regressions

2019—2020, Software Developer | Grappler

Independently delivered Web Development projects

- Constructed a scheduling system and real-time monitoring page for customizable VM instances on Google's Compute Engine
- Implemented feature logging system and real time session data feeds from users

2018—2019, Junior Software Developer | Grappler

Worked on Development Operations.

- Constructed APIs and pages within the Grappler Application for searching through exception and logging call data
- Developed processes for large scale manual data entry and manipulation within the Grappler Application

EDUCATION

University of Auckland | 2016—2020

Bachelor of Engineering in Computer Systems Engineering
Second class, First division Engineering Honours , 2020

Saint Kentigern College | 2010—2015

NCEA Economics, Physics, Calculus, Drama and Computer Science.
Academic Honours , 2015

LANGUAGES

- SQL
- PHP
- Javascript
- Typescript
- Python
- Bash

FRAMEWORKS

- Symfony
- Angular JS
- React
- Vue JS

TOOLS & CLOUD

- Docker
- Terraform
- AWS
- GCP
- Git

AI & PROMPTING

- Prompt engineering
- Model fine-tuning (basic familiarity)
- Retrieval-augmented generation
- Vector databases
- Model API integration

PERSONAL INTERESTS

Improvisation, Singing, Videogames,
Politics, Cooking, Skiing, Sailing.

References available upon request