Oscar Russo (he/him)

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Full-stack Software Engineer, interested in writing clean, simple, and testable code in a high performance, cross-functional environment. Excited to collaborate, contribute to an evolving software engineering practice, and tackle a new set of interesting problems.

EXPERIENCE *References available on request*

Toitū Te Whenua (Land Information New Zealand)

Software Developer   **November 2019 - Present**

Worked in a DevOps product team as part of a project to replace a legacy desktop application with a modern web app. A strong focus on TDD, close collaboration, and engineer-driven planning under the constraints of legislation and governance.

Worked widely across the technical stack, usually in back-end (Kotlin) and front-end (React) development, but often including AWS infrastructure, networking, security, cryptography, CI/CD, and operational support.

Spent time interviewing and on-boarding new engineers, developing relationships with internal and external stakeholders, facilitating engineering guilds, creating and socialising common libraries, and automating the office coffee machine.

Kea Aerospace

Software Developer (part-time)   **July 2019 - November 2019**

Worked on developing real-time mapping and stitching of multi-spectral imagery in a small engineering team for a prototype of a low-altitude psuedo-satellite (Kea Atmos). Established a rapid feedback cycle with the electronics engineers to frequently bench-test the software.

The initial prototype of the software package was using streamed telemetry to monitor large forest fires in real-time, allowing first responders to optimise their firefighting strategy.

Synapsys NZ Ltd

Contract Developer (part-time)   **2016 - 2020**

Developed automation and integration suites to assist in the creation and operation of e-learning platforms for clients including Tourism NZ, Lincoln University, and Royal Business College. Often involved developing one-off applications to solve unique and unexpected problems under tight deadlines, where non-automated solutions would not have been feasible.

EDUCATION

University of Canterbury

Bachelor of Science   **2018 - 2021**

Major in Computer Science, minor in Mathematics.

TECHNICAL STRENGTHS

Languages & Frameworks	Javascript (JSX, ES2020), Typescript, React (class & functional), Sass Python, Kotlin, Springboot, EBean, Gradle JUnit, Testing Library, Jest, Cypress, Playwright
Tools & Technologies	AWS (CloudFormation & CDK), Jenkins, Docker, Postgres, Redis, Nginx, Unix/Linux