Simon Tegg

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Versatile technical leader with end-to-end product expertise. Experience in business, team building, solution design, and hands-on technical implementation.

Work Experience

Senior Software Engineer   **Montoux**   Sep 2022 – Current

Montoux is a NZ-based actuarial modelling SaaS startup. The core SaaS product allows users to create, configure, and run large multi-component actuarial models. The product has been used by several well-known life insurance companies primarily in the USA. It has a Python/Golang backend on the AWS stack and a React/Typescript frontend. Montoux runs an agile teams with iterative design, development and release cycle, incorporating feedback from subject-matter-experts and end-users.

At Montoux:

- Developed an architecture for the client using the 'strangler' pattern. It enabled feature deliveries on top of a legacy code under tight deadlines without sacrificing code quality.
- Introduced atomic design principles to streamline development.
- Worked with product managers and designer to set the product direction.
- Mentored junior developers
- Contributed to full-stack development of a gen AI product.

Senior Developer   **Totara Learning**   Sep 2020 – Sep 2022

Totara provides an industry leading on-prem and SaaS learning management system for government and corporate entities. The software is feature rich having been under development in some form for over 20 years. Recent development is in Vue and Totara developers team maintain an in-house WCAG A and AA accessibility compliant component library.

At Totara:

- Led frontend development in an agile team building a new compliance workflow tool that serves 100,000 US Department of Agriculture employees.
- Set the bar for UX and code quality for in-house Totara modules.

Co-founder and Technical Lead   **Traject**   Jul 2017 – Mar 2020

Cofounded a company and led development of our compliance and reporting SaaS. The software was an interface between charities and government agencies for contract compliance. It could reduce week-long manual processes to a single morning.

At Traject:

As the technical lead and cofounder in a small startup I was responsible for everything: infrastructure (AWS), security, solution architecture, DBA, hiring, team mentorship, and fullstack development. We ultimately decided to close down just as the pandemic hit.

Senior Developer   **Bamboo Creative**   Jan 2017 – Jun 2017

Agency work on a chatbot before the LLM era. Piqued my interest in state machines and serverless.

Teacher and Curriculum Developer

Dev Academy   Nov 2015 – Jan 2017

Spearheaded the curriculum for Dev Academy's shift to Javascript. Was nominated for JavaScript teacher of the year 2017. Taught 100+ early-career developers, many now in senior roles.

Web Developer

Freelance   Jul 2014 – Oct 2015

I contracted on work related to data visualisation and graph navigation for a small agency and startup. In my early career I cut my teeth on D3 and R and still have an interest in data intensive applications.

Junior Developer

Loomio   Dec 2011 – Jun 2014

First experience in startup environments. Contributed beyond development by taking on business analysis and marketing responsibilities.

Skills

Typescript | Python | Golang | React | Vue | SQL | NodeJS | AWS | Django REST Framework | React Native | People and Product Management | UX

Education

Masters of Environmental Studies   Victoria University of Wellington   Jan 2008 – Nov 2010

Languages

English   Native

Japanese   Conversational

Spanish   Conversational