

LUCY-JANE WALSH

Software Engineer — Digital Nomad — Book Worm

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WORK EXPERIENCE

Senior Software Engineer

Mish Guru

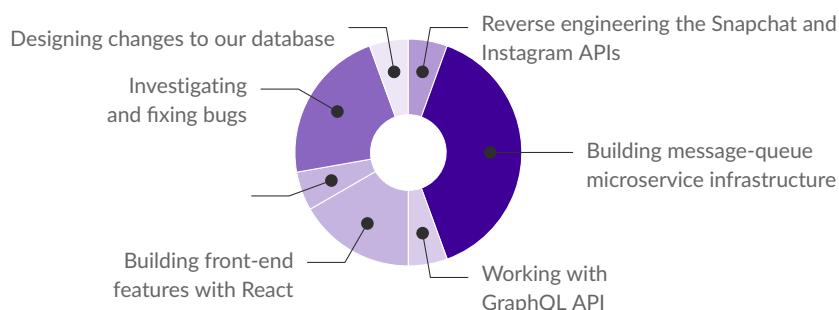
May 2017 – Ongoing

Christchurch, NZ

At Mish I work alongside a team of remote developers to create a marketing platform for Snapchat and Instagram. Split between NZ and Berlin, we are largely self-managed, coordinating our work through web-cam meetings and Slack.

- Helped to shape a team environment that required wearing many hats, including a rotating cycle of team and project management and QA responsibilities
- Advanced from a junior role to a senior in just over two years
- Managed sections of work in our product roadmap alongside the C-level team members, breaking key results down into tasks and taking ownership of their delivery
- Delivered product features across a constantly changing stack using technologies such as Node, TypeScript, GraphQL, React, Docker, AWS, and Kubernetes

Breakdown of Work



Digital Content Analyst

University of Canterbury

2012 – April 2017

Christchurch, NZ

Aided students and researchers at the University to undertake digital projects in the College of Arts.

- Created tools to aid in the collection, organisations, and storage of data, with a particular focus on the Canterbury earthquakes
- Worked with researchers to digitise historic artifacts and to create new and innovative ways for people to view and interact with them
- Explored new avenues for Humanities research through computational methods of data analysis
- Trained researchers and students in digital-research skills
- Presented tools and research findings at conferences and seminars

KEY SKILLS



Self Taught

I taught myself to code using online resources and became a software engineer with almost no formal training. I have maintained this self-taught ethos in my day-to-day work, picking up new tools or skills on demand.



Uniqueness

With a degree in English Literature and an interest in writing, art, and publishing, I am not your typical Software Engineer. Communication has always been one of my strongest assets, as well as creative and lateral thinking.

TECHNICAL SKILLS

Node/JavaScript TypeScript Python
SQL React LaTeX Django Flask
Docker HTML5 CSS GraphQL

STRENGTHS

Communication
Teamwork and Leadership
Lateral Thinking Creativity Autonomy
Perseverance QA Project Management
Infrastructure Design

EDUCATION

B.A. Hons. in English Literature

University of Canterbury

2007 – 2011

COSC 367 - Artificial Intelligence

University of Canterbury

2016

COSC 265 - Relational Databases

University of Canterbury

2015

OTHER EXPERIENCE

Founder, Editor, and Developer

Sponge NZ

📅 2017 – Ongoing

🌐 <http://sponge.nz>

Sponge is an online magazine publishing science fiction from new and emerging Pacific, New Zealand, and Australian writers. I decided to create this magazine due to my own frustration with the limited avenues for science-fiction authors in this area.

I cover all needs of the magazine, including:

- Building the readership and writing community through online marketing and networking in the magazine's regions
- Selecting and editing submissions for publication
- Creating the PDF, ePub, and mobi versions of each issue using a combination of LaTeX and HTML
- Producing the audio version of each issue
- Maintaining and updating the Django site

REFERENCE



Ashok Fernandez

Chief Product Manager

Mish Guru

Lucy-Jane joined our team in early 2017 as one of our early engineering hires. Being self taught, she demonstrated a continuous intrinsic drive for learning and self-improvement which made her extremely valuable when building out our product from an early first version to a large reliable production system.

Over the time we worked together, she quickly progressed from a junior member of our team to one of our senior engineers who helped lead and mentor new hires to get them up to speed quickly. As we were a small team, she was required to span across all areas of our system from front end features to extremely complex proprietary technology that powered the core of our backend.

Her drive to learn and improve were particularly valuable when building out this proprietary technology as there was nowhere to simply look up how to build what she was building. A strong focus and ability to understand complex problems enabled her to take some of the least reliable parts of our system and turn them into an amazingly simple and reliable experience for our customers.

I would highly recommend Lucy-Jane to anyone who values a driven, experienced engineer with a knack for learning new skills quickly, and great personal skills that create a collaborative team environment. I would gladly work with Lucy-Jane again in the future.

REFEREES



Jacob Deval

Chief Technology Officer

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Paul Millar

Head of the School of Humanities and Creative Arts

University of Canterbury

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