LUCY-JANE WALSH

Software Engineer — Digital Nomad — Book Worm

@ ljewalsh@gmail.com   📞 +64-27-3861547   📍 Christchurch, NZ   🔗 lucy-janewalsh.com

WORK EXPERIENCE

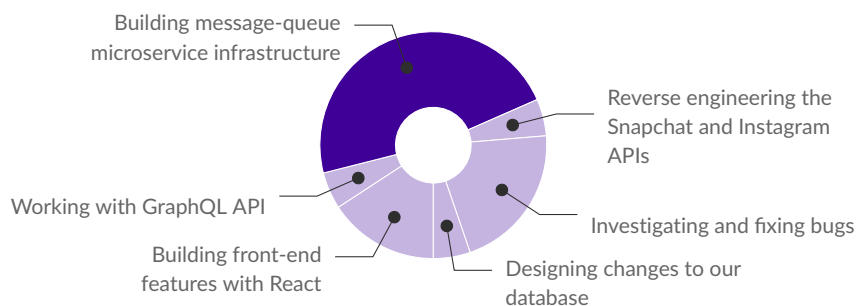### Senior Software Engineer
Mish Guru

📅 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.

- Helping to shape a team environment that requires wearing many hats, including a rotating cycle of team and project management and QA responsibilities
- Managing sections of work in our product roadmap alongside the CPO and CTO — breaking key results down into tasks and taking ownership of their delivery
- Delivering product features across a constantly changing stack using technologies such as Node, TypeScript, GraphQL, React, Docker, AWS, and Kubernetes

Breakdown of Work

Building message-queue microservice infrastructure
Reverse engineering the Snapchat and Instagram APIs
Working with GraphQL API
Investigating and fixing bugs
Building front-end features with React
Designing changes to our database

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, using Python, MySQL, Flask, Django, XML and XSLT
- 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

ACHIEVEMENTS

- ⬆ Advanced from junior to senior in just over two years
- ⚙ Instrumental in the design and build of much of Mish's key architecture
- 🐛 Solved many severe production bugs that had alluded more senior members of the team
- ☕ Was one of two engineers to on-board and train the Berlin team in product and team culture

TECHNICAL SKILLS

Node/JavaScript   TypeScript
Python   SQL   React   LaTeX
Django   Flask   Docker
HTML5   CSS   GraphQL
AWS   Kubernetes   REST APIs
Git   Relational Databases   XML
XSLT

STRENGTHS

Communication
Teamwork and Leadership   Focus
Lateral Thinking   Creativity
Autonomy   Perseverance
QA   Project Management
Infrastructure Design
Bug Fixer Extraordinaire

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.

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

REFEREES

👤 Jacob Deval

Chief Technology Officer
Mish Guru

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👤 Paul Millar

Head of the School of Humanities and Creative Arts
University of Canterbury

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