Marcus Crane

Full-stack Developer

📞 02108154500

🌐 https://utf9k.net

✉ marcus@utf9k.net

📍 Auckland, New Zealand

SKILLS (EXERCISED DAILY/WEEKLY)

- Python
- Javascript
- React / Redux
- Docker
- Git / Github
- Kubernetes (EKS)
- AWS (ECS, DocDB, DynamoDB etc)
- Jenkins (CI/CD)
- New Relic (monitoring)

THINGS I'M TRYING TO DO MORE OF

- Running
- Sharing what I learn on my blog
- Taking photos with my DSLR

CERTIFICATIONS

Akamai Web Performance Foundations

Akamai

EMPLOYMENT HISTORY

Xero

Site Reliability Engineer

(Feb 2018 - Present)

~ Heavy contributor to Xero's push to adopt Service Level Objectives globally.
~ Primary contributor to Xero's internal SLO measurement tool. Comprised of a React/Redux SPA powered by a handful of Python-based JSON APIs, all of which are deployed to our in-house Kubernetes cluster.
~ Part of a small team involved in all elements daily from front-end development to Kube cluster management. Customer interviews are used to determine our roadmap.
~ Onboarded and paired with a number of new SREs in various areas (incident management training, upskilling in Python/Javascript, SLO training)
~ Active member of Xero's SRE on-call roster, providing final fallback support for 50+ teams as well as our own internal products.

Liberac

Full-stack Developer

(Apr 2017 - May 2017)

~ Worked briefly as a contractor for a small fin-tech startup, looking to simplify remittance between NZ and the Pacific Islands.
~ Did some rapid prototyping although the concept was quickly proven to not be market viable and was wrapped up.

Code for Aotearoa

Inaugural Fellow (self-directed contractor)

(Sep 2016 - Dec 2016)

~ Coauthored V1 of an open source Open Data Toolkit. Elements of it live on today at https://data.govt.nz.
~ Interviewed various govt departments (MBIE, Treasury, LINZ) to understand common roadblocks hindering the ability to have all govt datasets be treated as open by default.
~ Presented and open sourced research to a mixed private/public sector audience of about 100 people. Event was open to members of the public at no cost.

EDUCATION

Enspiral Dev Academy

Full-stack Development

(Apr 2016 - Aug 2016)

PROJECTS

ipecac
https://github.com/marcus-crane/ipecac

A small CLI tool I built internally at Xero and open sourced. It would automatically generate Swagger 3.0 API documentation from Python docstrings.

Parnell parking ticket visualisation
https://utf9k.net/parnell

My coworkers would often receive a lot of parking tickets so a fun side project, I filed an OIA for historic parking data and visualised the data by time and location.