

# Marcus Crane

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Site Reliability Engineer

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*As an SRE, I've had experience with multiple clouds (AWS, Azure) and a handful of languages (Python, Go, JS). Despite that, I like to be pragmatic about whether technology or code is the right answer for the problem at hand.*

## EXPERIENCE

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### Mercedes-Benz

September 2020 - Present

Site Reliability Engineer

- Assisted in expansion of Fleetboard Kubernetes cluster into a larger multi-division cluster for use by Daimler Trucks as a whole.
- Refactored, maintained and extended the existing incident management tooling used within Fleetboard (Golang based)
- Maintainer of an internal Netbox (IPAM) deployment. Wrote a custom plugin for Azure AD auth and provided some open source contributions back to Netbox via Daimler's official open source program.
- Member of the on-call roster.

### Xero

February 2018 - September 2020

Site Reliability Engineer

- Aided in the global adoption of SLOs across Xero's product catalogue. A bit of everything from running multi-part upskilling workshops to facilitating review sessions with product teams.
- Onboarded and paired with a number of new SREs (plus a few rotating in from Xero's grad program)
- Added some functionality to Xero's in-house incident management tooling. Continued running incident management workshops for product teams in Auckland as our pod focus moved to SLOs.
- Primary contributor on Xero's in-house SLO tooling. Across the entire stack (React SPA + Python microservices deployed via Kubernetes)
- Member of the on-call roster. SRE acted as final fallback for 50+ teams so providing coordination between product and customer experience was fairly common.

### Liberac

Apr 2017 - June 2017

Full-stack Developer

- Briefly worked for a small fin-tech startup looking to simplify remittance between NZ and the Pacific Islands
- Did some cursory research and rapid prototyping. The concept was quickly proven to not be market viable and the founders opted to not pursue the venture any further.

### Code for Aotearoa

Sep 2016 - Dec 2016

Inaugural Fellow

- Co-conducted interviews with various government departments (MBIE, Treasury, LINZ) to understand common roadblocks hindering an open-by-default approach being applied to government datasets.
- Coauthored V1 of an open source Open Data toolkit walking through the process of releasing data sets to the public. Some elements were repurposed for <https://data.govt.nz>
- Presented research to a mixed private/public sector audience (~100 people). Event was open to members of the public at no cost and research was open sourced.

## EDUCATION

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### Enspiral Dev Academy

Apr 2016 - Aug 2016

Full-stack Development

## PROJECTS

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### utf9k

2017 - Present

<https://utf9k.net>

My personal website which is home to my blog, side projects and other snippets that I think are useful to share for others.

## REFERENCES

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Available upon request