ALISTAIR MCINTYRE

FULL STACK ENGINEER

ABOUT ME

I am a 30 year old resident of Christchurch, passionate about technology, mentoring and solving real world problems.

I have the unique experience of having spent time in both development and operations, giving me a holistic view of complex systems, capable of implementation and troubleshooting at every level.

EDUCATION

NOV '12 — NOV '17

BSc. Computer Science
University of Canterbury

FEB '09 — DEC '09

Diploma in Web Development
Natcoll Design Technology

EXPERIENCE

APR '19 — NOW

GIS Platform Engineer
Catalyst IT Ltd

- Responsible for creation, deployment and management of a GIS platform built out of existing Open Source components.
- Championed a modern approach, utilising Containerisation, Kubernetes and Continuous Integration and Delivery to automate deployment and system management processes.
- Developed a product within a company that typically sells it's resources in a services capacity. This required a slightly different approach to development and requirements.
- Mentored other team members and endeavoured to create an inclusive team culture, working primarily to the 5 ideals from The Unicorn Project (by Gene Kim)

`Terraform` `Kubernetes` `Docker` `Cloud` `Gitlab CI/CD` `Python` `Helm`

JUL '18 — JUL '19

Junior Systems Administrator
Catalyst IT Ltd

- Responsible for monitoring, improvement and maintenance of multiple systems across the South Island Catalyst team.
- Gained proficiency with cloud computing concepts, configuration management, security, networking and an understanding of how to manage systems.
- Responsible for migration and deployment of a microservice architecture application from Ansible to Puppet to bring it in line with company best practices. This work was later successfully re-used on future projects by other team members.

`Puppet` `Ansible` `Networking` `Database Administration` `Monitoring`

JAN '18 — JUL '18

Junior Software Developer
Croplogic

- Part of a small development team at an exciting Agritech company.
- Built 2 cross-platform mobile applications, one customer-facing to track the data from their farms, and another to enable agronomists to easily retrieve and update data in the field.

`Dart` `Flutter` `Firebase` `Objective-C` `Python`

References will be supplied upon Request.

CONTACT

- ✉ alistairjmcintyre@gmail.com
- ☎ 027 633 0043

SKILLS

Database Administration

GIS
- » Working with Spatial Data
- » Mapping

CI/CD

Cloud-Native Design

Systems Administration

TECHNOLOGIES

Languages
- » Dart
- » Python
- » Java
- » Javascript
- » C#

Terraform

Kubernetes

Docker

Configuration Management
- » Puppet
- » Ansible
- » Helm & Helmfile