Brandon **Farrell**

SENIOR SITE RELIABILITY ENGINEER

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Skills

Cloud	AWS, Azure
Programming	Python, Ruby, Bash, PowerShell
DevOps	Terraform, Ansible, Docker, GitHub Actions, Jenkins, PagerDuty, Chef

Experience

Senior Site Reliability Engineer *Auckland, New Zealand*

DDS IT *Nov. 2022 - Present | 1 yr 4 mos*

Senior Platform Engineer *Auckland, New Zealand*

WESTPAC NEW ZEALAND *Jan. 2022 - Nov. 2022 | 11 mos*

- Designed and implemented PagerDuty solution to improve quality of life for on-call engineers.
- Improved deployment pipelines for Kubernetes based Apple Pay and Google Pay applications.
- Instrumental in the migration of nodes to upgraded Chef server.
- Provided on-call support for the card transactions platform.

DevOps Engineer (Freelance) *Auckland, New Zealand*

LEARNCOACH *Jan. 2022 - Mar. 2024 | 2 yrs 2 mos*

- Supporting infrastructure maintenance, upgrades and security enhancements.

DevOps Engineer (Freelance) *Auckland, New Zealand*

INTERNATIONAL VOLUNTEER HQ *Dec. 2020 - Nov. 2023 | 3 yrs*

- Supporting infrastructure maintenance, upgrades and security enhancements.

DevOps Engineer *Auckland, New Zealand*

LEARNCOACH *Jul. 2020 - Jan. 2022 | 1 yr 7 mos*

- Re-architected application infrastructure to improve reliability and scalability.
- Migrated team to a container-based application release process.
- Implemented a CI/CD system using GitHub Actions, resulting in hundreds of developer hours saved per month.
- Introduced Terraform and Ansible to encourage versioning and automated management of all core system components.
- Built a comprehensive monitoring solution with Prometheus, Grafana and Loki.
- Reduced time to set up a development environment by 95%.

DevOps Engineer *Auckland, New Zealand*

INTERNATIONAL VOLUNTEER HQ *Jul. 2018 - Jun. 2020 | 2 yrs*

- Audited existing AWS architecture to enhance security, resilience and reduce cost by more than 30%.
- Containerized core applications using Docker to improve developer effectiveness.
- Implemented continuous integration/delivery (CI/CD) pipeline using Jenkins and reduced the test suite run time by 75%.
- Set up incident alerting and on-call scheduling using PagerDuty.
- Used Ansible to completely reimplemented deprecated configuration management tooling.

Solution Engineer *Auckland, New Zealand*

ORION HEALTH *Jan. 2015 - Jul. 2018 | 3 yrs 7 mos*

- Project: Unison (Consult & Coordinate)
- Created, managed and monitored AWS environments.
- Utilised Bamboo to develop a CI/CD pipeline.
- Automated instance configuration using tools such as Puppet and Ansible.
- Provided technical support for a range of applications and systems.
- Reviewed project contributions to ensure delivery of high quality solutions.
- On-boarded and trained new team members.

Graduate Implementation Consultant

ORION HEALTH

- Project: ACT Walk in Centre
- Project: Oracle eGate Migration to Rhapsody
- Provided technical support for a range of applications and systems.
- Implemented decision making algorithms to assist in the triaging of in-patients.

Auckland, New Zealand

Jan. 2014 - Jan. 2015 | 1 yr 1 mo

Researcher

THE PHOTON FACTORY (THE UNIVERSITY OF AUCKLAND)

- Researched existing microfabrication and injection moulding techniques.
- Developed prototypes suitable for use in the production of microfluidic devices.
- Presented findings to interested parties.

Auckland, New Zealand

Nov. 2012 - Feb. 2013 | 4 mos

Education

The University of Auckland

BACHELOR OF ENGINEERING (HONS), COMPUTER SYSTEMS

Auckland, New Zealand

2010 - 2013

Certifications

Microsoft Certified: Azure Virtual Desktop Specialty

MICROSOFT

Issued Apr. 2024 - Expires Apr. 2025

Microsoft Certified: Azure Network Engineer Associate

MICROSOFT

Issued Jun. 2023 - Expires Jun. 2025

Microsoft Certified: Azure Administrator Associate

MICROSOFT

Issued Mar. 2023 - Expires Mar. 2025

AWS Certified Solutions Architect - Associate

AMAZON WEB SERVICES (AWS)

Issued Aug. 2020 - Expires Aug. 2023

Amazon Web Services Essential Training

LYNDA.COM

Issued Mar. 2018 - No expiration date

Amazon Web Services: Networking

LYNDA.COM

Issued Feb. 2018 - No expiration date

Rhapsody Professional

Orion Health