

Hazmei Bin Abdul Rahman

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Summary

I am a DevOps Engineer with a Bachelor of Engineering in Computer Engineering from the National University of Singapore (NUS). My experience lies in System Administration (Ubuntu), Cloud Infrastructure (AWS), CI/CD (Jenkins), containerization (Docker, Kubernetes) and observability (Datadog, Grafana, Prometheus, Tempo).

Skills

Programming: Bash, Golang, Python

Tools: Prometheus, Grafana, Tempo, Terraform, Git, Jenkins, Ansible, Atlantis, Helm3, Datadog, Opsgenie, Falco, Trivy

Technology: Kubernetes, Docker, Linux, Networking, AWS, GCP, PostgreSQL, NGINX, ECS Fargate, EKS, EC2

Languages: Fluent in English

Certifications

Certified Kubernetes Administrator (CKA)

The Linux Foundation

Sep. 2021 – Sep. 2024

Certificate ID: LF-0brwz9eat

Work Experience

Ascenda Loyalty Private Limited

Singapore

Senior DevOps Engineer

Oct. 2020 – Present

- Refactored Jenkinsfile in application repository with reusable Jenkins shared library modules.
- Improved container security posture with Trivy implemented in deployment pipeline.
- Drive the Implementation of PCI-DSS compliant infrastructure on AWS.
- Led migration of observability platform with a team of 3 from Datadog to Grafana + Prometheus and introduced distributed tracing with Grafana Tempo + OpenTelemetry.

DevOps Engineer

May. 2019 – Oct. 2020

- Migrated CI/CD platform from CircleCI to Jenkins.
- Automate database configuration and hardening with Ansible playbook.
- Implement Atlantis for Terraform pull request automation.
- Led migration of application platform with a team of 3 from AWS ECS to AWS EKS (Kubernetes) without any downtime.

Sence Private Limited

Singapore

Associate Product Engineer (Part Time)

May. 2016 – Jun. 2018

- Improved sensor setup process through bash script and images (improved deployment time by 80%).
- Provisioned manageable infrastructure (Azure) with Ansible (decreased deployment time and configuration drift).
- Implement observability with Telegraf + InfluxDB + Chronograf for gathering system metrics from VM Instances.

Singapore Armed Forces

Singapore

Command and Control Information Systems (Compulsory Military Service)

Jun. 2013 – Jun. 2015

- Responsible for configuration and running of unit C4 systems in the Terrex Infantry Carrier Vehicle during mission.
- Implemented configuration automation using batch script to improve setup time of the C4 system in the Infantry Carrier Vehicle.

Education

National University of Singapore

Singapore

Bachelor of Engineering in Computer Engineering

Aug. 2015 – May. 2019

Coursework: Algorithms & Data Structures, Real-time Operating Systems, Computer Communication Networks, Data Science for IoT

Ngee Ann Polytechnic

Singapore

Diploma with Merit in Network Systems and Security

Apr. 2010 – Mar. 2013

Coursework: Network Security, Computer Forensics, Multi-Layer Switching Network, Advanced Routing

Represented for WorldSkills Singapore 2012 under IT Network Systems Administration trade.

Miscellaneous

Nationality: Singaporean

Notice period: 1 Month