

# Yu Shao Pang

DEVOPS ENGINEER

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## Summary

Experienced Platform/DevOps Engineer/SRE keeping core services up and running. Passionate in reducing human effort as much as possible with automation such as with CI/CD tools so everyone can spend time on what truly matters.

## Work Experience

### Squarepoint Capital

Singapore

SYSTEMS SPECIALIST - PLATFORM APPLICATION SERVICES (SCHEDULERS AND ORCHESTRATORS)

Mar. 2025 - Present

- Implemented abstractions on ArgoCD to simplify self-service application delivery onto Kubernetes clusters
- Investigate and resolve performance issues with various components of the cluster (e.g. Kyverno, etcd)

SYSTEMS SPECIALIST - PLATFORM APPLICATION SERVICES (DEVELOPER TOOLS / PLATFORMS)

Feb. 2023 - Mar. 2025

- Led a major migration of On-Prem GitLab Infrastructure from CentOS 7 (Configured using Chef) to Rocky 9 (Configured using Ansible)
- Adapted open-source GitLab Ansible collection for use within on-prem context by adding features / customizations
- Contributed to GitLab open-source repos to add missing features / fixes
- Developed in-house Terraform providers to manage various platforms that supports RESTful API-based CRUD operations (Golang)
- Provided Application Support for Critical Systems on rotational-shift basis - Troubleshooting, Incident Management, Root Cause Analysis / Remedial Actions, Maintain Runbooks, etc.
- Manage cloud infra (AWS/GCP) using Terraform
- Developed / Maintained alerts and metric dashboards for services (Prometheus/Grafana)

SOFTWARE DEVELOPER (DEVOPS)

Aug. 2022 - Feb. 2023

- Config Management for on-prem services with Chef
- Maintained / Implemented CICD pipelines+libraries+templates (Gitlab CI/ Bamboo)
- Developed server-side git hook dispatcher for hosted Gitlab (Python)
- Led a major refactoring effort in all terraform repos to keep code DRY and reduce maintenance overhead (Terraform)
- Enforced various IT security requirements for Cloud by creating reusable, compliant Terraform modules (Terraform)

### GovTech Singapore

Singapore

ASSOCIATE DEVOPS ENGINEER

Jun. 2021 - Aug. 2022

- Deployed Infrastructure to public cloud (AWS) with IaC tools. (aws/terraform/terragrunt)
- Implemented multiple process improvements / automation using CI/CD. (GitHub Actions/CodeFresh/python/bash)
- Contributed to various Front-End engineering tasks for UI improvements and bug fixes. (react/javascript/css/html)

## Education

### Nanyang Technological University

Singapore

B.ENG. IN COMPUTER SCIENCE

Aug. 2017 - May. 2021

- GPA: 4.76/5.00 (Highest Distinction)
- Focus Areas: Data Analytics and Artificial Intelligence

## Skills

<b>Cloud Certification</b>	AWS Certified Solutions Architect - Associate
<b>Infra-as-Code Certification</b>	HashiCorp Certified: Terraform Associate
<b>Configuration Management</b>	Terraform, Ansible, Chef
<b>CI/CD</b>	Bamboo, GitHub Actions, GitLab CI
<b>Observability Stack</b>	Prometheus, Grafana
<b>Containerization</b>	Kubernetes (User), Docker, Helm, ArgoCD
<b>Misc.</b>	Python, bash, vim, git