Clement Chiew Jian Ming

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Experience

01/2022 – present   **Cloud Engineer** | Cloud Mile Sdn Bhd

Part of Engineering team to deliver and implement solutions on a project basis.

- Deploy cloud infrastructure on Google Cloud Platform with Terraform scripting.

- Implement CI/CD pipelines with Kubernetes clusters to automate testing and deployment of applications from repository changes.

- Deliver custom scripts as necessary to migrate data and extend application functionality. (Python, Apps Script)

- Document implementation details on Confluence.

- Communicate with Solutions and Sales teams to assess viability and cost optimization of proposed implementations and solutions.

- Deliver POCs (Proof-of-Concept) as proof of implementation viability for customers.

05/2021 – 01/2022   **Professional Services Engineer** | INSCALE Asia Sdn Bhd

Part of Falcon Migration Project to migrate clients to Napier platform.

- Communicate with project managers to identify necessary solutions for the client migration process before go-live.

- Design, develop, test, and deploy custom solutions for clients. (Python, Bash)

- Document product features and specifications on Confluence for knowledge sharing.

- Create custom Nifi processes to assist in data transformations and import into Napier platform.

01/2020 – 05/2021   **Support Engineer - Analyst** | Datacom Systems (Asia) Sdn Bhd

- Troubleshoot and resolve issues pertaining Odin Automation/CloudBlue Commerce Platform on Linux-based systems with FreshDesk platform.

- Collaborate with Ingram Micro developers to identify and fix software bugs via Jira/Atlassian suite.

- Compose knowledge-base(KB) articles for internal documentation and reference.

- Assist customers with platform updates and hotfixes.

- Triage, recover, and analyze business critical failures on customer production systems.

Completed Project(s):

One-click Odin Automation/CloudBlue Commerce Test Instances

2020 Dec - 2021 May : Solo

- Automate creation of Odin Automation (OA) instances.

- Configure git repositories and Jenkins instances.

- Write Ansible playbooks to deploy OA instances, Bash scripts to map container actions to Virtuozzo hypervisor, and Jenkinsfile to trigger multibranch pipelines.

- Automated instances are triggered upon commit push.

01/2019 – 01/2020   **System Administrator |** FINEXUS Sdn Bhd

- Provision, monitor, and configure PCI-DSS compliant Oracle Linux systems.
- Bash/Perl scripting to monitor and log applications.
- Data centre operations to manage lifecycle of data centre infrastructure.
- Generate and analyze security threats and vulnerabilities with Nessus.
- Handle deployment and versioning of production applications.
- Proposed for aggregated log storage/analytics and SAN infrastructure to improve auditing and automation of workflow.

Skillset

DevOps/SRE
Knowledge of DevOps/Site Reliability Engineering philosophies and trained with Google Cloud Platform to deploy applications and CI/CD processes on Google Cloud Compute and Google Kubernetes Engine.

CI/CD
Familiar with creating pipelines with build, test, and deploy processes via Jenkins and Cloud Build.

Docker/Kubernetes
Use of Docker and Kubernetes to deploy and orchestrate containerized applications.

Linux
Proficient at system configuration, analysis and hardening for Red Hat Enterprise Linux, Oracle Linux, and Debian.

Scripting
Bash and Python scripting with regular expressions to parse, manipulate, and aggregate information.

SQL
Skilled with SQL query construction. Prior experience with PostgreSQL and Oracle DB.

Academics

2015 – 2019   **Bachelor of Science (Physics) | University of Malaya**
Thesis : Density Functional-Based Tight Binding Study on the Geometric and Energetic Properties of Carbon Nanoclusters

Certifications

2022–2024   **Google Cloud Certified - Professional Data Engineer**
Cert ID : rwDHXO

2022–2024   **Google Cloud Certified - Professional Cloud Architect**
Cert ID : DH5HVN

2021–2024   **Linux Foundation Certified Engineer (LFCE)**
Cert ID : LF-kf90q76k6u

2021–2024   **Certified Kubernetes Administrator (CKA)**
Cert ID : LF-jpndgsl5bm