

AHMAD AFIQ BIN AZMI

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EXPERIENCES

Cloud Engineer

June 2023 - Present

eCloudvalley Technology Sdn. Bhd.

Kuala Lumpur, Malaysia

eCloudvalley is the AWS Premier Consulting Partner in APAC with a mission to accelerate customers' success by leveraging Digital Transformation with Cloud.

- Automated infrastructure AWS resources using **Terraform**, reducing manual configuration time by 40%.
- Managed **CI/CD pipelines** for continuous integration and deployment of infrastructure on AWS, reducing deployment errors from 15%.
- Proficient in deploying scalable and resilient solutions on AWS, optimising costs, and ensuring high availability and security.
- Designed and implemented highly available and fault-tolerant AWS architectures for enterprise clients, resulting in **99.99% uptime**.
- Handled **Managed Service Providers (MSP)** operations including all ticketing and issue resolution through a dedicated portal, addressing network, compute, and storage issues.

Junior Infrastructure Engineer

April 2022 - May 2023

Discoverix Sdn. Bhd.

Kelana Jaya, Selangor

Discoverix provides Artificial Intelligence (AI) based solutions like AI-powered data analytics, data extraction, data management, chatbot and customised tools

- Developed and deployed applications using **Docker** and ran **MongoDB, RabbitMQ** and **MinIO** containers inside virtual machines.
- Setup network infrastructure like reverse proxy, load balancer, SSL/TLS Termination using **Nginx** and **Cloudflare**.
- Help team setup **Consul** and **Nomad** Cluster for microservices applications.
- Manage organisation networking traffic, firewall and segregate VLANs using **pfSense**.
- Provisioning and automating new infrastructure resources using **Terraform** for **Proxmox**, approximately around 15 minutes instead of 1-2 hour(s).
- Automate configuration and management for VMs inside Proxmox using **Ansible**.

Research Assistant

April 2022 - June 2022

Universiti Malaya

Kuala Lumpur, Malaysia

Research Assistant for the Ministry of Domestic Trade and Consumer Affair consultation project.

- Create Blockchain Simulator System for their staging and educational purpose using **Django** and **Python**.

Assistant Network Engineer - Intern

August 2020 - January 2021

IP Fokus Sdn. Bhd.

Bangi, Selangor

IP Fokus Sdn. Bhd (IPFSB) business core more towards ICT networking and infrastructure design, implementation, consultation, IP-based telecommunications (voice, video, data, telephony), maintenance, upgrading, network security, and wireless solutions

- Installing Cisco Network switches and access points
- Remodelled network diagram and topology based on client infrastructure.

EDUCATION

Universiti Malaya

September 2018 - February 2022

Kuala Lumpur, Malaysia

- Pursuing Bachelor of Computer Science (Computer System and Network)
- Cumulative GPA: 3.77 - Pass with Honours (with Distinction)

PROJECT

SA DNS Filtering System - Monitoring for Parental Control Application

March 2021 - February 2022

Final Year Project

- Build DNS Filtering System integrated with web-based applications using **Django** and **Python**.
- Developed REST API for communication between web and desktop applications using **Django Rest Framework**
- Create a standalone **DNS Server** using **Bind** on **CentOS** virtual machine on **AWS**.
- Deployed application at Heroku platform.
- Build SA DNS desktop application using **Tkinter**.

TECHNICAL SKILLS

Prog. Language: **Python**

Web Development Framework: **Django, Bootstrap CSS**

DevOps: **Docker, Nginx, Consul, Nomad, Terraform, Ansible, Linux**

Infrastructure/Cloud: **Proxmox, AWS, PfSense**

CERTIFICATES

Hashicorp Certified: Terraform Associate (003): [View credentials](#)

AWS Certified Solutions Architect - Associate: [View credentials](#)