

Leow Hong Zheng (Aaron)

Aspiring Cloud Engineer

aaronleow511@gmail.com | +601136866002 | [linkedin.com/in/aaronleow511](https://www.linkedin.com/in/aaronleow511) | github.com/AaronLeow | aaronleow.me

SUMMARY

IT professional transitioning into cloud engineering, with hands-on experience in enterprise IT support, identity management, and network operations. Completed the AWS re/Start program and built two end-to-end AWS cloud projects — a static website with CloudFront and WAF, and a three-tier architecture with Auto Scaling and RDS. Seeking an entry-level cloud role to apply and grow practical AWS skills.

TECHNICAL SKILLS

Cloud & AWS: EC2, S3, VPC, IAM, CloudWatch, CloudFront, Route 53, RDS, ACM, WAF, Auto Scaling, ALB, NAT Gateway, GuardDuty, CloudTrail, KMS

Networking: TCP/IP, DNS, Subnetting, Security Groups, NACLs, LAN configuration

Systems & Scripting: Linux, Bash, Python, Windows Server, Active Directory, PowerShell

Tools & Platforms: ServiceNow, BeyondTrust Remote Support, Microsoft 365, Power Automate, GitHub, Terraform

PROFESSIONAL EXPERIENCE

IT Executive — Eastern Decorator, Ipoh, Perak

Nov 2025 – Feb 2026

- Administered domain accounts via Active Directory, including access provisioning to file shares and business systems for new joiners.
- Coordinated POS system rollout for events — managed hardware readiness across PCs, peripherals, cash drawers, and barcode scanners.
- Configured and troubleshot LAN infrastructure; diagnosed connectivity issues by tracing switch–patch panel links using IP addressing and DNS knowledge.

IT Intern — Boston Scientific, Batu Kawan, Penang

Apr 2025 – Sep 2025

- Designed and deployed an automated laptop loaner request system using Microsoft Lists and Power Automate, reducing manual approval time by 70%.
- Supported 100+ users with onboarding tasks including IT equipment preparation, hardware setup, and Active Directory account verification.
- Resolved hardware/software issues via ServiceNow and BeyondTrust Remote Support, contributing to a 20% reduction in ticket resolution time.
- Monitored group memberships, device compliance, and authentication methods to support identity management across the organisation.

CLOUD PROJECTS

Static Website Hosting on AWS | *S3 · CloudFront · Route 53 · ACM · WAF*

- Deployed personal portfolio site on S3 with CloudFront CDN, custom domain via Route 53, and HTTPS enforced through ACM — live at aaronleow.me.
- Configured Origin Access Control (OAC) to keep S3 bucket private, ensuring all traffic is routed through CloudFront and inspected by WAF before reaching the origin.
- Applied AWS Managed WAF rules to protect against SQLi, XSS, and common web exploits at the edge layer.

Three-Tier Architecture on AWS | *Terraform · VPC · EC2 · RDS · ALB · Auto Scaling*

- Provisioned the entire infrastructure using Terraform (IaC) — VPC, subnets, security groups, EC2, RDS, ALB, and Auto Scaling Group deployed with a single command.
- Deployed a Flask web application on EC2 that connects to RDS MySQL, demonstrating end-to-end three-tier connectivity across public and private subnets.
- Configured Auto Scaling Group with target tracking policy (CPU 50%) and instance refresh, enabling zero-downtime rolling updates via Launch Template versioning.
- Isolated RDS MySQL in a dedicated private subnet, restricting access to port 3306 exclusively from the EC2 security group using least-privilege Security Group rules.

EDUCATION

Bachelor of Information Technology (Hons)

2022 – 2025

Quest International University (QIU), Ipoh, Perak | CGPA: 3.49

CERTIFICATIONS & TRAINING

AWS re/Start Program — Completed (2026)

AWS Certified Cloud Practitioner (CCP) — In Progress (2026)