

Lim Hong Chun (Vanis)

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SUMMARY

Cloud Platform Engineer with AWS certified ML Specialty & Solutions Architect, specializing in automate, secure and cost-optimized cloud infrastructure. Demonstrated success by reducing operational costs by over \$20,000 USD monthly while improving enterprise compliance. Eager to apply platform engineering expertise to ML infrastructure challenges, creating robust environments for model training, deployment, and monitoring at scale.

SKILLS

- [AWS Certified Machine Learning Specialty](#)
- [AWS Certified Solutions Architect Associate](#)
- AWS infrastructure management and optimization (EC2, S3, CloudWatch, CloudTrail, EKS)
- Cloud security and compliance (PCI DSS, IAM, security controls)
- Cloud layer 3,4,7 ddos attack and reconnaissance attack mitigation
- Cost optimization and resource management
- Enterprise-scale hybrid cloud architecture design
- Infrastructure as Code and automation
- System monitoring and logging optimization
- Troubleshooting and problem resolution
- Multi-account cloud environment management and standardization
- Resource tagging and cost allocation strategies
- Fluent in English, Chinese, Cantonese, and Malay

WORK EXPERIENCE

Platform Engineer - Soft Space | Sep 2024 - Present

- Driving cloud infrastructure optimization and cost efficiency initiatives for a leading fintech organization, specializing in AWS infrastructure management, security compliance, and enterprise-scale solutions
- Identified and resolved critical security access configurations blind spot between production and non-production environments, strengthening overall security posture and PCI DSS compliance
- Designed enterprise-wide AWS Organizations implementation plan to centralize multi-account management, enhance cost allocation visibility, strengthen security controls through SCPs, and improve compliance monitoring across production and non-production workloads
- Designed and proposed AWS cost optimization strategies delivering cumulative \$20,000+ USD monthly savings through improved resource allocation, savings plan combination, monitoring configurations, and infrastructure upgrade
- Delivered \$4,000+ monthly cost optimization through systematic infrastructure review: resolving CloudWatch logging and CloudTrail audit misconfigurations, decommissioning redundant EC2 resources (20+ VMs, 5TB+ storage), and correcting AWS Marketplace licenses utilization
- Enhanced operational efficiency by identifying and resolving long-standing logging misconfigurations, further providing \$2,000 monthly infrastructure savings while improving system observability
- Orchestrated OS end-of-life migration project for multiple client projects and environments while maintaining PCI DSS compliance standards
- Implemented comprehensive AWS resource tagging system across multiple AWS accounts, enabling clear cost tracking for production, UAT, and other staging environments
- Deployed company's first EKS cluster, along with setting up site-to-site VPN in a new AWS region for the environment
- Resolved critical P1 production issue that had remained unresolved by Azure engineers for over 36 hours
- Piloted EC2 instances auto scheduling start/stop for non-production environments to achieve cost savings and operation efficiency
- Successfully mitigates layer 3,4,7 ddos attack and reconnaissance attack across multiple projects' production environment via combination of bot detection, WAF rulesets and other measures.

Data Tester (Contract) - NDA Protected (Aug 2023 - Oct 2023)

- Performed data integrity verification for software developed by client's teams
- Conducted environment sanitary checks, raised tickets, wrote test scripts, scheduled jobs, and prepared reports
- Utilized tools like Zephyr Jira, Control-M, Teradata, Oracle, MySQL, and Talend

IT & E-commerce Analyst - ELD Marketing Enterprise Sdn. Bhd. (Aug 2019 - Jun 2023)

- Managed off-site backup solution using Linux-based OS to enhance data security
- Upgraded office network infrastructure and reconfigured ERP software

- Oversaw online marketing team on Google Ads and Facebook Ads platforms
- Communicated with third-party vendors for solutions, quotations, and ERP upgrade

Online store project manager - ELD Marketing Enterprise Sdn. Bhd. (2018-2019)

- Developed "Aether" online retail store on Lazada and Shopee platforms
- Contributed to market research, product photography, and online retail tool training

TECHNICAL PROJECTS

Ollama with Open WebUI

- Implemented a local language model (LLM) hosting solution allowing external access to multiple AI models through a web interface.
- Utilized Ollama to host language models like qwen3 and mistral with KV cache optimization for over 50% token per second improvement
- Deployed Open WebUI using Docker for seamless integration of LLM models
- Configured AWS Route 53 and NGINX reverse proxy for secure external access
- Gained hands-on experience in deploying and managing AI models in a cloud environment

Synology NAS Setup & Integration

- Set up Synology NAS with RAID 5 for improved data redundancy and security
- Implemented offsite backup solution for critical business documents and ERP systems
- Enabled multi-device streaming using Plex Media Server
- Integrated Home Assistant using Virtual Machine Manager for smart home automation
- Utilized Docker for efficient deployment of various applications and services

Home Assistant with Synology NAS

- Hosted Home Assistant Supervised on Synology NAS for advanced smart home automation
- Installed Home Assistant Community Store (HACS) for third-party plugin support
- Integrated Sonoff smart light switches for local control without relying on cloud server
- Set up Elgato Stream Deck with HA plugin for easy control of switches, scenes, and script
- Utilized YAML for customizing dashboards and system configurations

EDUCATION

September 2019 – Nov 2022

National College of Ireland, Dublin | ncirl.ie

Bsc (Hons) in Business Information Systems (Second Class Honours, Grade 1)

Final Year Project: Developed an inventory management web application using HTML, CSS, JavaScript, React.js, Strapi, Redux, GraphQL and Firebase. The application allows users to manage inventory records by entering and modifying product entries.

Milestone Project: Created a food calorie tracking web app integrating Clarifai API for food image recognition and WolframAlpha API for nutrition data. Hosted on Firebase.

2016-2018

Tunku Abdul Rahman University College, Malaysia | taru.edu.my

Diploma in Internet Technology

Certificate: Achieved "[CCNA Routing and Switching: Introduction to Networks](#)" Certificate from Cisco Networking Academy.