Salleh Ahshim
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Professional Summary

Cloud and systems engineer with a strong background in mechanical design, cybersecurity, and fitness. Certified cloud administra

Certifications & Education

Cloud Administration Course (2025)

Certified Personal Trainer – American Council on Exercise (2022)

SAP Training – Lithan Academy (2012)

Bachelor of Science in Mechanical Engineering – Michigan Technological University (1997–2000)

Diploma in Mechanical Engineering – Singapore Polytechnic (1989–1992)

Technical Skills

Cloud Platforms: AWS (EC2, VPC, RDS, S3, IAM), Azure (AKS, Recovery Vault, VM, VNet)

Networking: VLAN, DHCP, DNS, Subnetting, VPN, VPC Peering

DevOps & Infrastructure: Kubernetes, Docker, JSON Templates, Linux CLI, VMware, EFS, Auto Scaling

Security: Incident Response, Backup & Recovery, MARS Agent, Azure Security Center

Monitoring: Wireshark, Netstat, top/htop, Prometheus, Zabbix, SolarWinds

Tools: Cisco Packet Tracer, Draw.io, nano/vim, Ansible, Git

Project Experience – Cloud Administration Course (2025)

• Deployed a scalable WordPress site on AWS using EC2, RDS, S3 static hosting, NAT Gateway, and EFS.
• Created highly available architecture using Auto Scaling Groups and Load Balancers with custom AMIs.
• Set up a full Azure backup solution using Recovery Services Vault for both on-prem and cloud VMs.
• Built an AKS Kubernetes cluster to deploy NGINX services and demonstrated horizontal scalability.
• Automated VM deployment using Azure Resource Manager (ARM) JSON templates and DNS configuration.
• Responded to a simulated security breach, led incident response, performed forensics using Linux tools.
• Troubleshot complex VLAN and switch issues; isolated network bottlenecks using Wireshark and SNMP logs.
• Upgraded legacy infrastructure to modern Layer 3 switching with VLAN segmentation and SNMP monitoring.
• Conducted Linux performance tuning and diagnostics to resolve file sharing, web server, and DB issues.
• Demonstrated Linux command line proficiency via scripted tasks including permissions, ARP cache, and stat commands.

Professional Experience

AETOS Security Management Pte Ltd – Security Team Lead (2013–Present)

Managed daily operations of a critical security facility; collaborated with engineering support, documented SOPs, and ensured cor

Tyco Electronics Manufacturing (S) Pte Ltd – Project Manager Engineering (2011–2013)

Led cross-functional teams through APQP, FMEA, and PPAP processes; authored CapEx requests, managed core tools, and con

Lin Engineering, Santa Clara, CA – Design Engineer (2001–2010)

Designed and tested step motor assemblies; selected electronic components; developed costed BOMs; coordinated with suppliers

Aerotek Engineering, Flint, MI – Design Release Engineer (2000–2001)

Maintained cross-car parts for GM Cadillac; coordinated design revisions for Pontiac Grand Am undercarriage.

References

Ikhsan Selamat, Head Support Team, AETOS Security Management Pte Ltd – Mobile: 9627 9609
Osman Hamid, Facility Manager, Jack Investment – Mobile: 9296 3224