
Hein Min Soe | Cloud Specialist



Mobile: +65 98584644

Mail: heinminsoe004@gmail.com

Address – Singapore

LinkedIn – [hein-min-soe-893a13143](https://www.linkedin.com/in/hein-min-soe-893a13143)

PROFILE SUMMARY

Results-driven Cloud & Infrastructure Engineer with 8 years of experience in cloud computing, security, and automation across AWS, Azure, and VMware environments in Government, public sector, and private sector projects. Skilled in designing, deploying, and managing both cloud-native and on-premises applications, ensuring scalability, security, and high availability while adhering to industry compliance and regulatory standards.

Proficient in DevOps & DevSecOps methodologies, with hands-on expertise in CI/CD pipelines, Kubernetes, Docker, and infrastructure automation using Terraform, Ansible, Azure ARM Templates, and AWS CloudFormation. Passionate about solving complex challenges, continuously learning emerging technologies, and driving innovation through automation.

A strong team player and problem solver with excellent communication skills, committed to collaboration, knowledge sharing, and delivering high-impact solutions in dynamic cloud environments



PERSONAL PARTICULAR

Name : Hein Min Soe
Gender : Male

EDUCATION BACKGROUND

Level : Bachelor of Science (Hons)
Field of study : Cybersecurity and Networks
University : Teesside University, UK
Located in : Middlesbrough Tees Valley TS1 3BX UK.
Start Date : Feb 2020
End Date : Dec 2020
Graduated date : 19 April 2021
Study : Part-time

Level : Bachelor of Science
Field of Study : Physics
University : Dagon University
Located in : Yangon, Myanmar
Start Date : 01 DEC 2010
End Date : 01 DEC 2013
Graduated date : 25 Jan 2014
Study : Full-time



HAND ON TECHNICAL SKILLS

| | |
|--|---|
| Operating Systems | - Linux and Windows. |
| Programming Languages/Scripting | - Python, Json , Power Shell, Bash Script, Ansible , Terraform and Cloud Formation. |
| DevOps CI/CD | - GitHub Action, Gitlab , Azure DevOps and AWS Code Pipeline. |
| Infra Security | - Trivy ,Hashi Corp Vault , AWS Security Hub and Azure Security. |
| Application Security | - SonarQube, Snyk and OWASP ZAP. |
| Container & Kubernetes Security | - Istio (Service Mesh Security) |
| Compliance & Monitoring | - AWS Config, CloudTrail, Microsoft Defender for Cloud and Microsoft Intune. |
| Cloud Platform | - Azure and AWS. |

PROFESSIONAL CERTIFICATIONS

- ✓ Microsoft Certified: Azure Solutions Architect Expert
Date Certified: 5 May 2026
- ✓ Microsoft Certified: Cybersecurity Architect Expert
Date Certificated: 7 June 2026
- ✓ AWS Certified Solutions Architect - Associate (SAA)
Date Certified: Aug 25, 2025
- ✓ Microsoft Certified: Azure Administrator Associate
Date Certified: 5 May 2026
- ✓ Hashi Corp Certified: Terraform Associate (003)
Date Certified :31 May 2025
- ✓ Hashi Corp Certified: Vault Associate (002)
Date Certified: 31 May 2026



Employee History

Company - KPMG Service Pte Ltd (Singapore)

Position - Senior Cloud Security Specialist

Join date - Oct 2024

Left date - Present

Key Responsibilities

Cloud Security & Compliance Assessment and Implementation

- Implement cloud security best practices and enforce compliance with industry standards (ISO 27001, CIS Benchmarks, NIST, etc.).
- Conduct security assessments, vulnerability management, and incident response for AWS and Azure workloads.
- Perform monthly security remediation using Terraform automation to resolve findings from Azure Security Center, AWS Security Hub, and Guard Duty.

DevSecOps & CI/CD Pipelines Assessment and Implementation

- Develop and maintain CI/CD pipelines using GitLab, Azure DevOps, and Terraform to automate infrastructure deployments.
- Implement security scanning tools (SAST/DAST) within pipelines, ensuring code security before deployment.
- Create and manage infrastructure as code (IaC) using Terraform for cloud resources.

Cloud Infrastructure Assessment and Implementation

- Design, implement, and manage cloud infrastructure on AWS and Azure, ensuring high availability, scalability, and security.
- Administer Azure AD, IAM roles, policies, and permissions to maintain access controls.
- Optimize cloud costs by monitoring and analyzing cloud usage reports.
- Troubleshoot cloud services, including Azure Load Balancers, AWS ALB/NLB, VPNs, and VNet peering.

Cloud Incident Response

- Handle incident response, service requests, and change management for cloud and security operations.
- Plan and execute disaster recovery strategies to ensure business continuity.
- Collaborate with cross-functional teams, vendors, and clients to drive security and cloud transformation projects.

Leadership & Knowledge Sharing

- Act as a technical advisor, providing best practices for cloud security, DevSecOps, and infrastructure automation.
 - Conduct training sessions, workshops, and knowledge transfer for internal teams and clients.
 - Stay up to date with emerging cloud security threats and implement proactive risk mitigation strategies.
-



Company - Cloud Kinetic Pte Ltd (Singapore)

Position - Cloud Engineer

Join date - April 2022

Left date - Oct 2024

Key Responsibilities (Azure & AWS)

Cloud Performance & Security

- Analyse and review weekly/monthly cloud performance and cost reports for Azure and AWS.
- Perform monthly security remediation for Azure Security findings and AWS Security Hub reports using Terraform automation.

Identity & Access Management (IAM)

- Implement and manage user access controls, role-based access policies, and security best practices.
- AWS IAM account security control and Landing Zone setup.

Infrastructure Management & Automation

- Develop and maintain cloud infrastructure using Terraform and CI/CD pipelines (GitLab, GitHub, Azure DevOps).
- Provide consulting and best practices for AWS and Azure infrastructure.
- Design and implement solutions for on-premises to cloud migration (AWS & Azure).

Networking & Security

- Configure and manage Virtual Networks, Subnets, NACLs, VPNs, VNet Peering, Route Tables, and Azure Firewall rules.
- Configure Azure Load Balancer, Application Gateway, AWS ALB/NLB, and API Management Gateway (APIM).
- Maintain cloud security compliance, security monitoring, and malware detection (Trend Micro Cloud Security).

Monitoring & Troubleshooting

- Monitor logs, detect security incidents, and remediate Guard Duty findings.
- Ensure cloud performance, troubleshoot EKS, ECS, EC2, AKS, Docker, and resolve connectivity issues.

DevSecOps & CI/CD Pipelines

- Build DevOps pipelines using YAML & JSON for Azure & AWS.
- Manage application and infrastructure deployment via GitLab CI/CD, Azure DevOps.
- Automate monthly RHEL server OS patching via SSM Manager.

Kubernetes & Container Management

- Deploy and manage EKS, ECS, and AKS for application workloads.
- Troubleshoot and optimize containerized applications in AWS & Azure.



Cloud Project Completion

| Name | Type | Client | Country |
|---------------------------------|--------------------------|--------|-----------|
| IRIN3 Azure Infra Setup | Government Cloud - Azure | IRAS | Singapore |
| Face ID App Infra | Government Cloud - Azure | JTC | Singapore |
| AWS Well Architect Consulting | Government Cloud - AWS | MOE | Singapore |
| GCC 2.0 Migration | Government Cloud - AWS | MOE | Singapore |
| Cloud Infra Security Assessment | Government Cloud - AWS | STE | Singapore |

Company - **Lenovo PCCW Solution Pte Ltd (Singapore)**
Job Title - Senior Infrastructure Analysis
Join date - June 2021
Left date - April 2022

Key Responsibilities

- VMware Infrastructure Management: Design, implement, and optimize VMware Data Center networks for high availability and scalability.
- Security & Compliance: Perform VMware system security hardening, patching, and compliance checks.
- Disaster Recovery & Backup: Assist in disaster recovery planning, system backups, and business continuity strategies.
- VMware Administration: Manage vSphere, vSAN, vCenter, ESXi, HA, DRS, FT, and other VMware tools.
- Tech Refresh & Migration: Plan and execute tech upgrades, system replacements, and data migrations.
- Networking & Troubleshooting: Administer LAN/WAN, virtual networks, storage solutions, and resolve escalated issues.
- Team Collaboration & Leadership: Work with vendors (EMC, VMware, Networks), guide teams, and handle system change requests

Company - **Ingram Micro Asia Pte Ltd (Singapore)**
Job Title - Senior Systems Engineer
Join date - Jan 2019
Left date - June 2021

Key Responsibilities

- Configure and manage Azure Virtual Machines, storage, and resource groups; troubleshoot and deploy applications remotely.
- Administer VMware-based infrastructures (vSphere, vSAN, ESXi, vCenter), including HA clusters, DRS, FT, and VMotion.
- Use PowerShell for scripting, debugging, and VM migration.
- Perform VMware system hardening, patching, backups, and disaster recovery planning.
- Design and implement Dell EMC/HPE SAN storage, Cisco UCS, and manage LAN/WAN servers.
- Incident & Change Management: Handle INC, REQ, and Change Requests, analyze business impact, and prepare rollback plans.
- Conduct system audits, performance monitoring, and proactive infrastructure scaling.
- Act as a technical lead, mentor teams, work with vendors (EMC, VMware, Networks), and assist in professional development.



Company - **Easmed Asia Pte Ltd (Singapore)**

Job Title - System Engineer
Join date - June 2016
Left date - Dec 2018

Key Responsibilities

- Pick up customer call and create ticket. Remote customer PC and troubleshooting office software error, email problem, printer etc.

Company - **Business IT Pte Ltd (Singapore)**

Job Title - Help Desk Support
Join date - Aug 2015
Left date - June 2016

Key Responsibilities

- Pick up customer call and create ticket. Remote customer PC and troubleshooting office software error, email problem, printer etc.
-