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### Professional Summary:

Results-oriented Senior DevOps Engineer with 6+ years of experience architecting secure, scalable infrastructure for Fintech and SaaS sectors. Expert in **Kubernetes (CKS/CKA certified)**, **Terraform**, and **Multi-Cloud (AWS/GCP)** environments. Proven track record of automating complex on-premise banking infrastructure and optimizing high-traffic **Kubernetes** clusters. Passionate about GitOps, Platform Engineering, and building internal developer tooling.

### Technical Skills

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- **Cloud & Infrastructure** : AWS (EKS, EC2, VPC), GCP (GKE, IAM), Azure, Digital Ocean, VMware vSphere.
- **Container Orchestration** : Kubernetes (CKS, CKA), Docker, Helm, Istio (Service Mesh), Kubespray.
- **IaC & Configuration** : Terraform, Terragrunt, Ansible, Packer.
- **CI/CD & GitOps** : GitHub Actions, ArgoCD, GitLab CI, Jenkins.
- **Observability & Storage** : Prometheus, Grafana, ELK Stack, Ceph, Portworx.
- **Scripting & Backend** : Bash, Python, Go (Golang).

### Work Experience

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**DevOps/Infrastructure Engineer**  
Omise, Thailand

**Nov 2021 – Current**

- **Managed multi-cloud Kubernetes infrastructure** for 10+ enterprise clients, architecting isolated environments on **AWS EKS** and **GCP GKE** to ensure strict tenant isolation and security.
- **Orchestrated high-availability deployments** for a major ticketing platform on GKE; executed proactive capacity planning by pre-scaling production clusters to **20+ nodes** to handle anticipated traffic spikes during launch events.
- **Maintained and optimized GitOps workflows** using **ArgoCD** and **GitHub Actions**, streamlining release cycles across 4 distinct environments (Staging, UAT, Load-Test, Production) for multiple concurrent projects.
- **Deployed Hoop Gateway to centralize access management** for distributed infrastructure, creating a unified, secure entry point for multiple **databases** and **EKS clusters** across all environments, streamlining access granting and auditability for engineering teams.
- **Implemented OIDC authentication** to secure CI/CD pipelines, integrating GCP workload identity/ AWS IAM with GitHub Actions to remove long-lived credentials and improve security posture.
- **Developed modular Terraform code** to automate the provisioning of EKS/GKE clusters and VPC networking, reducing onboarding time for new client projects.
- **Architected a serverless cost-optimization solution** using **AWS Lambda** and **Step Functions** to automatically scale down non-production workloads during off-hours, significantly reducing cloud spend on idle compute resources.

**Environment:** AWS, GCP, Docker, Kubernetes, Terraform, Terragrunt, Github Action, Bash, Nginx, Traefik, GIT, Jira, Kanban, Confluence.

**Freelance SRE/DevOps Engineer(Remote)**  
upwork.com

**May 2021 – Nov 2021**

- **Designed fault-tolerant cloud infrastructure** on AWS and Azure, implementing VPC peering and Private Links to secure communication between public web applications and private subnets.
- **Hardened Kubernetes security** for client applications by implementing Network Policies and ensuring strict separation of concerns using Namespaces and RBAC.
- **Optimized container build pipelines**, reducing build times by implementing Docker layer caching strategies within Jenkins and Kubernetes agents.

**Environment: AWS, S3, EBS, EC2, ELB, Kubernetes, Terraform, Jenkins, Bash, Python, Kubernetes, Nginx, GIT, Shell Scripts, Jira, Kanban, Confluence.**

**DevOps Engineer**  
YOMA Bank Limited, Yangon, Myanmar

**Oct 2019 – May 2021**

**Responsibilities:**

- **Architected hybrid-cloud Kubernetes solutions**, managing production clusters on **AWS** and automating on-premise cluster provisioning on **VMware vSphere** using **Terraform** and **Kubespray**.
- **Engineered robust storage and networking** for banking systems, implementing **Ceph** and **Portworx** for persistent storage and piloting **Istio Service Mesh** for advanced traffic shaping and mTLS security.
- **Modernized the CI/CD landscape** by migrating manual release processes to **GitLab CI**, enabling "Click-to-Deploy" capabilities for on-premise development clusters.
- **Managed WSO2 API Gateway** for the bank's core banking services, ensuring high availability and secure access for **50+ internal and external APIs**.

**Environment: AWS, S3, EBS, EC2, ELB, Kubernetes, Terraform, Jenkins, Bash, Python, Kubernetes, Nginx, GIT, Shell Scripts, Jira, Kanban, Confluence.**

**System Architect/AWS Cloud Engineer**  
BetterHR, Yangon, Myanmar

**Sep 2018 – Oct 2019**

**Responsibilities:**

- **Engineered a self-service platform automation** where the core application programmatically triggers **Ansible** playbooks, enabling "Click-to-Provision" onboarding for new clients without manual ops intervention.
- **Built an end-to-end "Trial-to-Production" workflow** that automatically promotes client environments from low-resource trial instances to high-performance production **EC2** instances upon subscription payment, driving revenue conversion.
- **Orchestrated secure full-stack provisioning**, using Ansible to deploy **Docker** containers in private subnets, execute **RDS** database migrations, automate **Cloudflare** DNS registration, and configure **Nginx** reverse proxies with **Let's Encrypt (Certbot)** SSL.
- **Architected scalable multi-tenant infrastructure** serving **5,000+ customers**, utilizing Auto Scaling Groups and managing a fleet of isolated containers (one per client) to ensure data privacy and system resilience.
- **Automated client lifecycle management**, creating scripts for seamless data backup during decommissioning and rapid restoration for returning customers, ensuring 100% data integrity.

- **Enforced strict security governance** by implementing granular **AWS IAM** policies and Service Roles, enabling secure service-to-service communication (EC2 to S3/RDS) without hardcoded credentials, and managing RBAC for cross-functional teams.
- **Engineered an autoscaling CI/CD infrastructure** using **GitLab Runners** and **Docker Machine**, configuring dynamic provisioning of Digital Ocean droplets that spin up strictly on-demand; reduced cloud costs by **20-30%** by completely eliminating idle compute resources during inactive periods.

**Environments: AWS, Digital Ocean, Ansible, Docker, Bash, Python, Git, Sentry, Cloudflare, Nginx, Laravel, Node.js**

**Freelance System Administrator**

**Jan 2018 – Sep 2018**

**Yangon, Myanmar**

**Responsibilities:**

- **Managed and optimized Linux environments** (RHEL, Ubuntu, CentOS), executing critical kernel upgrades, security patching, and package management (RPM/Yum) to ensure system stability and security
- **Enhanced system performance** by tuning kernel parameters and database configurations to limit disk I/O resource contention, preventing bottlenecks in production services
- **Automated routine administrative tasks** using Bash scripting for user provisioning, log management, and package verification, reducing manual operational overhead.
- **Administered physical server hardware and storage**, performing zero-downtime maintenance for memory upgrades, disk replacements, and LVM partitioning.

**Environment: Linux RHEL, Windows, DNS, FTP, DNS, BIND, HTTP, HTTPS, SSH, IP tables, firewall, Bash, TCP/IP, dig, ping, trace route, netstat.**

**Education:**

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**Bachelor of Computer Technology (Communication and Networking), Myanmar, UIT**

**Certifications:**

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- **Mikrotik Certified Network Engineer (MTCNA)**
  - **Linux Foundation Certified System Administrator (LFCS)**
  - **Certified Kubernetes Administrator (CKA)**
  - **Certified Kubernetes Security Specialist(CKS)**
  - **AWS Certified Cloud Practitioner**
  - **Google Cloud Certified Associate Cloud Engineer**
  - **Google Cloud Certified Professional Cloud Engineer**
  - **Hashicorp Certified: Terraform Associate**
  - **Hashicorp Certified: Vault Associate(002)**
  - **Linux Foundation: Cloud Engineer Graduate**