

Whil Cayangyang

DevOps | Cloud | Platform & Network Engineering | GitOps | Artificial intelligence

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PROFESSIONAL SUMMARY

Senior IT infrastructure with 10+ years delivering secure & scalable enterprise operations. Deep hands-on expertise across AWS cloud architecture, Kubernetes platform engineering, GitOps, Zero Trust security, and IaC at scale. Track record of driving cloud migrations, CIS Controls compliance programs, and cross-country network modernization under production load — with zero service impact. Equally effective as an individual contributor and as a technical lead accountable for regional outcomes.

CORE COMPETENCIES

Cloud & Infrastructure

AWS · Linux · Containerization · High availability · Orchestration · Observability

DevOps & Automation

Terraform · GitHub Actions · Ansible · Bash · CI/CD pipeline design · Release governance · Claude Code · CODEX

Platform Engineering

Kubernetes · Talos Linux · Helm · Flux CD / GitOps · Sealed Secrets · Renovate

Networking & Security

Network segmentation · Firewall architecture · Cloudflare Zero Trust · WAF · SIEM · Cisco Networking · Palo Alto

TECHNOLOGY STACK

Cloud: AWS (EC2, EKS, ECS, RDS, IAM, VPC, S3, ALB, Cost Explorer)

IaC: Terraform · Ansible

Containers: Kubernetes · Talos Linux · Docker · Helm · Flux CD · Renovate

Security: Cloudflare Zero Trust · WAF · SIEM (Wiz / Wazuh) · Sealed Secrets · Trivy · CIS Controls v8

CI/CD: GitHub Actions · GitOps · Jira/Bitbucket Pipelines

Observability: Prometheus · Grafana · structured logging pipelines

Scripting: Bash · Python · Go-Task

PROFESSIONAL EXPERIENCE

Senior IT Officer | 2021 – Present

Scholastic Asia

- Architect and maintain AWS environments with security, resilience, and cost governance as core design principles.
- Direct cross-country network modernization, firewall migration, and SOC enablement programs.
- Drive CIS Controls v8 enforcement and deliver audit-ready compliance evidence for US InfoSEC validation.
- Lead major migrations and infrastructure transitions under active production load with zero service impact.
- Ensured high availability and operational effectiveness for critical back-office systems and network connectivity, consistently meeting or exceeding Service Level Agreements (SLAs).
- Strengthened the IT environment by actively supporting and maintaining network infrastructure, security protocols, compliance standards, and disaster recovery planning.
- Drove project success by collaborating cross-functionally with Global and Regional IT teams on key implementation initiatives.
- Streamlined IT service resolution and device procurement by effectively managing vendor relationships and coordinating external service providers.

- Established and maintained comprehensive technical documentation, including system guides, IT processes, and standard operating procedures (SOPs).

IT Manager / System Integrator | 2019 – 2021

PilotTV Philippines

- Managed and maintained operational continuity for a critical inventory of 200+ on-site devices through continuous monitoring using cloud-hosted management applications.
- Established operational excellence by creating and implementing comprehensive Standard Operating Procedures (SOPs) for the internal IT Team.
- Governed performance and service quality by defining and enforcing Service-Level Agreements (SLAs) for third-party providers supporting company devices.
- Provided project leadership and oversight for major IT initiatives, including system migrations, new installations, and significant upgrades, effectively determining project scope, timelines, and resource allocation.
- Maintained inventory integrity by ensuring all IT asset records were current and that a complete, tested inventory of backup assets was available for timely device replacement and installation.
- Accelerated technology adoption across the organization by developing and delivering comprehensive user training programs for newly implemented software and technologies

IT Specialist | 2016 – 2019

FocusMedia Audiovisual Inc.

- Ensured 99.9% uptime and stability for critical on-premise server and network infrastructure, including core services and the cPanel management for Mail and Web servers.
- Drove operational efficiency by developing and implementing strategic IT solutions tailored to streamline business workflows and enhance continuity.
- Managed the complete lifecycle of computer hardware and operating systems, performing expert-level installation, configuration, and replacement to maintain peak user performance.
- Strengthened data governance by actively managing and monitoring critical company data and departmental backups utilizing NAS Storage solutions.
- Maintained meticulous control over IT assets by ensuring all IT inventory records were continuously updated and accurate.
- Facilitated smooth organizational change by developing and delivering comprehensive user training and orientation sessions related to updates in IT policies and procedures.

IT Field Engineer | 2014 – 2016

eMechanics Computer & Peripherals Inc.

Multi-Client Technical Field Support (Diebold Nixdorf & McDonald's)

- OS imaging/cloning via Ghost across ATM (Wincor Nixdorf Procash 1500xe–285) and POS fleets (Panasonic JS-930/950/960); end-to-end POS and biometric data server setup.
- L2 hardware/software support covering BSOD, app failures, and component replacement.
- Security patch management, software updates, and network config across banking clients (BPI, RCBC) and McDonald's branch infrastructure; full-spectrum network troubleshooting including cabling and connectivity validation.

Remote Desktop Specialist | 2013

Accenture

- Provided enterprise remote technical support with measurable reduction in end-user downtime and escalation rates.
- Detected, contained, and remediated malware and cybersecurity threats across customers endpoints.