

I Komang Gede Rusmawan

System Engineer (AI & HPC) · CKA · CKAD

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Professional Profile

System Engineer with two years of hands-on AI-HPC experience at NovaGlobal, an NVIDIA Partner, specialising in Day 2 support of production NVIDIA DGX and HPC clusters for healthcare, education and research customers: patching, upgrades, access and storage issues, and incident resolution. Also evaluates new platforms before they reach customers. Seven years of prior DevOps and systems engineering experience in Jakarta. CKA and CKAD certified.

Professional Experience

System Engineer (AI & HPC)

NovaGlobal — NovaGlobal is an NVIDIA Partner specialising in software solutions for GPU-accelerated AI/HPC clusters.

March 2024 – Present
Singapore

- Deliver Day 2 support for customers' production AI-HPC clusters: patching and upgrades, access and certificate upkeep, and incident resolution.
- Deploy and integrate GPU-accelerated AI-HPC clusters from installation through handover.
- Research and evaluate new platforms and software before customer rollout.
- Run annual maintenance shutdowns and power-ups at customer sites.

DevOps

Investree

December 2021 – February 2024
Jakarta, Indonesia

- Built and ran CI/CD pipelines and release management for the development teams.
- Maintained Kubernetes, VPN and legacy infrastructure, and contributed to IT security standards.

System Engineer

Astra Credit Companies

January 2018 – December 2021
Jakarta, Indonesia

- Installed and maintained servers, operating systems and applications, with monitoring across on-premises and cloud systems.
- Planned and delivered system automation to improve efficiency.

Software Engineer

Mitra Infosarana

April 2017 – November 2017
Jakarta, Indonesia

- Maintained WebSphere middleware, the F5 WAF and IBM DataPower Gateway.

Technical Skills

AI & HPC Platforms

NVIDIA DGX · Base Command Manager · Slurm · PBS Pro · vLLM

Linux, Storage & Virtualization

RHEL · Ubuntu · Lustre · NFS · Proxmox · VMware

Automation & CI/CD

Ansible · GitLab CI · Jenkins

Kubernetes & Containers

Kubernetes · Red Hat OpenShift · Helm · Harbor · Kubeflow

Identity, Security & Monitoring

Keycloak · LDAP · pfSense · Prometheus · Grafana

Key Projects

SingHealth AI/HPC Cluster · Healthcare

Day 2 support for the production AI-HPC cluster. Patched operating systems, drivers, and the AI-HPC software stack for CVE remediation. Managed cluster upgrades via Base Command Manager (BCM).

Nanyang Polytechnic SOE C4AI Cluster · Education

Led the 2026 software refresh of an AI-HPC cluster based on Kubernetes. Supported and maintained the CephFS storage cluster.

Duke-NUS HPC Cluster · Medical research

Deployed the HPC cluster via Base Command Manager (BCM). Patched operating systems, drivers, and the AI-HPC software stack for CVE remediation. Performed a dual-run migration of nodes during a major cluster upgrade.

Platform Research · Lab evaluation

Evaluated Red Hat OpenShift and Veeam. Benchmarked LLM serving on NVIDIA A100 versus Furiosa RNGD. Evaluated and deployed MotusAI for Token Factories.

Certifications

Certified Kubernetes Administrator (CKA)

Cloud Native Computing Foundation · May 2026

[View certificate](#)

Certified Kubernetes Application Developer (CKAD)

Cloud Native Computing Foundation · September 2026

[View certificate](#)

Education

Bachelor's Degree — Computational Science Engineer

Telkom University · 2012–2016

Bandung, Indonesia