

# MOHAMMAD RAYHAN

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## SUMMARY

With over 5 years of professional experience in the IT field, I am proficient in handling various IT tasks and technologies, including linux server administration, cloud (GCP/AWS/OpenStack), virtualization (VMware and Proxmox), and network management (MikroTik, Fortigate, and Juniper). I am experienced in managing database instances (MySQL, PostgreSQL, MongoDB) and SDLC pipelines using GitLab CI/GitHub Actions. Containerization using Docker, Podman, and Kubernetes for orchestration. I also have a strong interest in DevOps culture and Cloud Technology.

## PROFESSIONAL EXPERIENCES

### KiriminAja - Yogyakarta

*DevOps Engineer | April 2025 - Present*

- Manage microservice production deployments on Google Cloud Kubernetes infrastructure.
- Migrate GCP resources to Proxmox VE for development and staging environments.
- Implement CI/CD pipelines using GitHub Actions for seamless delivery.
- Set up Blue/Green deployment strategies using Argo Rollouts to minimize downtime.
- Monitor system performance and observability using Prometheus and Grafana for real-time insights.
- Collaborate with developers to improve automation and system reliability.

### PT Prima Integrasi Network - West Jakarta

*System Engineer | October 2024 - April 2025*

- Set up on-premise Rancher Kubernetes Engine 2 for the deployment of the Informatica Data Security Platform project at the Directorate General of Taxes (DJP).
- Set up and managed Linux VMs using VMware ESXi.
- Configured Grafana for infrastructure monitoring and application logging.
- Set up cloud infrastructure to host N8N AI Automation Workflows using Hostinger.
- Worked closely with the developer team to containerize applications using Docker.
- Set up Canonical OpenStack as a VMware alternative for VM provisioning and private cloud POC at BPJS, assisting Sivali (official Canonical distributor).

### PT Akses Cipta Solusi - Bandung, West Java

*DevOps Staff | May 2023 - October 2024*

- Improved existing systems through automation using Bash scripting for manual tasks such as DB backups, router config backups, application alerting, and redeployment.
- Set up and maintained a highly available PostgreSQL cluster using Patroni.
- Collaborated with developers to containerize application deployments for Spring Boot, NodeJS, Go, PHP, etc., using Docker and Podman.
- Set up and maintained on-premise Rancher Kubernetes Engine 2 clusters.
- Provisioned and maintained virtual machines using VMware ESXi.
- Managed cloud infrastructure and application deployments on AWS.
- Set up and maintained self-hosted GitLab servers and GitLab CI/CD pipelines.
- Managed existing networking infrastructure using MikroTik, Juniper, Fortigate, and FortiWeb.
- Set up and maintained private OCI registries using Harbor.
- Deployed Wazuh for security and File Integrity Monitoring.

**PT Aino Indonesia - Yogyakarta**

*DCSA / November 2022 - May 2023*

- Managed production environments to ensure high availability of deployments.
- Managed microservices deployments in production using Rancher Kubernetes Engine and OKD.
- Performed database configuration (replication and high availability) and normalization for MySQL, PostgreSQL, and MongoDB.
- Assisted developers in containerizing applications and setting up GitLab CI/CD pipelines.
- Set up and maintained self-hosted GitLab servers and GitLab CI/CD pipelines.
- Performed ISO 27001 SMKI compliance tasks, including database backup/restore tests, DRC simulations, and user access reviews.

**PT Akses Cipta Solusi - Bandung, West Java**

*System Administrator / August 2021 - August 2022*

- Performed daily monitoring and reporting of server resource usage using Zabbix.
- Managed domain subscriptions and DNS management using BIND9.
- Managed Zimbra mail server.
- Managed office and data center networks using MikroTik, Juniper, Fortigate, and FortiWeb.
- Managed PostgreSQL synchronous replication.
- Managed Web Servers using NGINX and Apache.
- Set up and maintained virtual machines using VMware ESXi and vCenter.
- Managed cloud infrastructure deployments on AWS.

**PT Ebdesk Teknologi - South Tangerang**

*Network Engineer / April 2019 - August 2021*

- Installed and configured servers based on developer requests.
- Managed networks using MikroTik and Juniper.
- Managed remote servers using IPMIview for Supermicro servers and iDRAC for Dell servers.
- Deployed and configured Big Data ecosystems using Apache Ambari.

**CERTIFICATIONS**

- MikroTik Certified Routing Engineer (2111RE8352)
- MikroTik Certified Network Associate (2111NA8142)
- Network and SysAdmin APJII (422/360/SMKN.1-Cadisdik WIL.VI)

**EDUCATION****SMK Negeri 1 Cimahi - Cimahi, West Java**

*Computer & Networking Engineering / June 2015 - June 2019*