

PUTRA PURBA GIRSANG

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Summary

Cloud Engineer with hands-on experience in cloud infrastructure, Linux server administration, virtualization, and enterprise network operations within cloud and telecommunications environments. Experienced in managing virtual machines, deploying VPS environments, supporting Microsoft 365 migration projects, handling DNS administration, and troubleshooting infrastructure-related issues. Comfortable working in operational environments that require infrastructure reliability, incident handling, system monitoring, and technical troubleshooting. Familiar with cloud technologies, server administration, and automation tools, with a strong interest in cloud operations and modern infrastructure environments.

Technical Skills

Cloud & Virtualization

AWS, Microsoft 365, Google Cloud Platform (GCP), Proxmox, EasyStack, VPS Management

Operating Systems

Linux Administration, Windows Server Administration, Ubuntu, AlmaLinux, CloudLinux, CentOS

Networking

TCP/IP, DNS Management, VPN, Firewall, DWDM Optical Network, FTTH, Fiber Optic Installation & Maintenance, Network Troubleshooting

Web & Mail

Nginx, Apache, cPanel, Plesk, Mail Server Administration, Anti-Spam Configuration

Migration & Collaboration Tools

Microsoft 365 Migration, IMAPSync, AvePoint, Rclone

Containers & Automation

Docker, Portainer, Bash Scripting, Git, Nextcloud, Codex AI, Immich

Monitoring & Operations

Infrastructure Monitoring, System Monitoring, Incident Handling, Ticketing System, Grafana, Splunk, Huawei NMS OSN 8800

Experience

PT Cyberindo Mega Persada (CBNCloud)

Cloud Support Engineer

Jakarta, Indonesia

Feb 2024 – Present

- Monitored and maintained more than 150 virtual machines to support infrastructure availability, stability, and performance.
- Supported daily cloud infrastructure operations including VPS deployment, server provisioning, troubleshooting, and infrastructure maintenance.
- Configured and maintained Linux-based hosting and mail server environments using cPanel and Plesk.
- Investigated and resolved infrastructure, hosting, and email-related issues through a ticketing system while maintaining service availability.
- Assisted customers with troubleshooting related to DNS, virtual machines, email services, and server configurations.
- Participated in shared hosting migration projects to VPS infrastructure using Proxmox virtualization platform.

- Managed DNS configurations and domain resolution to support reliable customer connectivity and service accessibility.
- Implemented anti-spam and mail security configurations to reduce phishing and malicious email activity.
- Supported Microsoft 365 migration projects using AvePoint, including SharePoint and OneDrive migration activities.
- Performed mailbox migration from cPanel to Microsoft 365 using IMAPSync with minimal service disruption.
- Assisted in Google Workspace shared drive migration to Microsoft 365 SharePoint using Rclone.
- Applied firewall configurations, monitoring tools, and server hardening practices to improve infrastructure security.
- Participated in operational discussions and infrastructure improvement initiatives to support service reliability.

PT Mora Telematika Indonesia Tbk
NOC Tier Support PRB

Jakarta, Indonesia
 May 2022 – Feb 2024

- Monitored DWDM optical network infrastructure using Huawei OSN 8800 systems to maintain network availability and operational performance.
- Troubleshoot network downtime incidents and assisted in identifying root causes to minimize service disruption.
- Coordinated with internal teams and field technicians during network recovery and fiber restoration activities.
- Managed incident escalation and downtime reporting through internal ticketing and monitoring systems.
- Supported preventive and corrective maintenance activities for enterprise telecommunications infrastructure.
- Prepared operational reports related to downtime incidents, network monitoring, and infrastructure performance.

PT Bintang Komunikasi Utama
IT Support Intern

Jakarta, Indonesia
 Jul 2019 – Sep 2019

- Assisted in CCTV installation and maintenance to support operational security systems.
- Troubleshoot satellite communication devices including IDU and ODU equipment.
- Performed antenna alignment and connectivity troubleshooting activities.
- Maintained operational records and technical documentation using Microsoft Excel.

PT Telkom Indonesia Tbk
Field Technician Intern

Malang, Indonesia
 Jul 2015 – Sep 2015

- Assisted in FTTH installation and fiber optic troubleshooting activities.
- Performed fiber optic splicing using fusion splicer equipment.
- Supported copper-to-fiber migration activities within MDF infrastructure environments.
- Maintained migration documentation and operational records.

Education

Institut Teknologi Telkom Purwokerto
Bachelor of Telecommunication Engineering

Purwokerto, Indonesia
Sep 2016 – Mar 2022

Certifications

- Microsoft 365 Certified: Fundamentals

Courses

- AWS re/Start Orbit
- AWS Academy Cloud Foundations
- AWS Cloud Developing
- Google Cloud Platform #JuaraGCP9
- Red Hat Linux System Administration Fresh Graduate Academy

Academic Projects

- Developed an IoT-based heart rate and temperature monitoring system using Arduino Mega 2560 and ThingSpeak platform.
- Conducted optical network analysis on WDM 4-channel spacing with EDFA and ROA over 100 km transmission distance.

Homelab Projects

- Built and maintained a personal homelab environment using Proxmox for virtualization and Linux server management.
- Deployed Docker-based services including n8n workflow automation integrated with a personal finance application.
- Managed self-hosted services and containerized applications within a Linux-based environment.