

HILMI AFIFI AL - ATSARI

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SUMMARY

Deeply passionate about DevOps and Cloud technologies. Over 4 years of hands-on experience in Linux server administration across multiple big tech companies in Indonesia. Responsible in building, deploying, managing infrastructure across diverse environments, including on-premises and cloud platforms such as AWS, GCP, and Azure. Skilled in CI/CD pipelines, Kubernetes clusters, and both monolithic also microservices architectures. Currently hold 4x Google Cloud Platform (GCP) Certifications and the Kubernetes (CKA) Certification. Main tools include is Docker, FluxCD, HelmCharts, Terraform, Ansible, Linux, Bash scripting, and other relevant Technology.

WORK EXPERIENCE

PT. Privy Digital Identity **Indonesia**

System Engineer / SRE / DevOps Engineer **May 2023 - Present**

- Implement a blue green deployment strategy in the production environment on each repository apps also repository infrastructure to minimize downtime due the human error.
- Setup, deploy, manage and maintain scalable containerized microservice applications.
- Automate the software development lifecycle (SDLC) by implement CI/CD for build, test, and release applications to minimize manual intervention.
- Up-to-date with the latest DevOps tools and Technologies.
- Ensure uptime of applications is healthy by implement autoscaling also robust health checks.
- Provided unwavering operational support for software applications deployment, ensuring smooth of Business-as-Usual (BAU) operations.
- Collaborate effectively with developers, vendors, and other IT professionals to solve problems and achieve project goals.
- Troubleshooted multiple system issues by analyze root causes and create post-mortem reports for future prevention.
- Wrote several knowledge-based, handbooks, and system architecture designs..
- Manage Cloud Infrastructure (Google Cloud Platform) in Development environments.
- Manage On-Premises Infrastructure in Staging and Production environments.
- Working closely with some relevant tools including Kubernetes, Docker, GitlabCI, FluxCD, Ansible, HelmCharts, Terraform, Bash/Shell, Vault Hashicorp, .etc

PT. Delta Neva Angkasa DomaiNesia **Indonesia**

Technical Specialist **Jul 2020 - Apr 2023**

- Provide effective solutions and resolve many complex technical issues reported by users such: email issues, dns issues, ddos issues, .etc
- Solve issues across various frameworks such: NodeJS, ReactJS, NuxtJS, ExpressJS, PHP, Laravel, Codeigniter, Python, Django, Flask, Ruby, Go, WordPress, etc.

- Takedown online fraud such: phishing, gambling, copyright, scam, cryptocurrency, trademark infringement, .etc to protect the organization's assets and reputation.
- Handle internal abuse such: email spam, brute force attack, excessive resource usage, etc.
- Wrote some technical documentation, knowledge-based and guidelines.
- Created "Macros" for predefined responses to minimize repeating multiple actions of internal team in a conversations with users.
- Monitoring uptime server entire hosting environment to ensure status is healthy.
- Migrated website users cPanel across servers (same/different regions) with minimal downtime.
- Perform some research and develop bash tool scripts to reduce manual repetitive tasks.
- Work with some kind of tools including Ansible, cPanel/WHM API, WHMCS, Grafana, Icinga, Exim Mail Server, MailChannels, GoTeleport, WPcli, CSF, DNS Record, CloudFlare, Imunify360, CentOS, Ubuntu, CloudLinux, MySQL, MariaDB, MongoDB, PostgreSQL, OpenNebula, .etc.

PT. Jetorbit Teknologi Indonesia

Indonesia

Linux System Administrator

Jan 2020 - Jul 2020

- Ensure system stability and security by performing routine maintenance tasks.
- Troubleshooting Linux server issues, email issues, etc.
- Migrated websites to a new environments with minimal downtime.
- Implementing robust website security by install also configure SSL certificates and firewalls.
- Develop comprehensive backup for accidentally overwritten and disaster recovery strategies.
- Setuping new servers control panels for efficient user website management.
- Implement load balancing techniques also replication databases.
- Managing VPS environments by fresh installations, configurations, and troubleshooting.
- Maintaining high server availability uptime of all servers before they occur.
- Do magic with some tools including cPanel/WHM, DirectAdmin, Pleck, WHMCS, Ansible, Wazuh, ELK, Observium, JetBackup, SpamAssassin, CentOS, Ubuntu, CloudLinux, Nginx, Apache, LiteSpeed, MySQL, MariaDB, WPcli, CSF, PowerDNS Server, HA-Proxy, Virtualizor, Proxmox, .etc.

PROJECT HIGHLIGHT

- Create bash scripting to automate installing Kubernetes cluster (Master and Worker) nodes.
- Bootstrapping Kubernetes cluster (Master and Worker) nodes from scratch using Terraform alongside Ansible Playbook.
- Integrate On-Premises Server with Cloud Servers using Cloud VPN and Mikrotik IPsec for Increasing Connection Security.
- Implementation of Snort as an Intrusion Detection System Using Cent OS v7.7.1908 in PT.Sport Glove Indonesia.

FORMAL EDUCATION

University of Mercu Buana Yogyakarta <i>Bachelor's Degree Informatics Engineering</i>	2021 - 2024 <i>GPA 3,79</i>
University of Amikom Yogyakarta <i>Associate's Degree Informatics Engineering</i>	2017 - 2020 <i>GPA 3,88</i>

CERTIFICATION

- *cPanel Certified Partner* - **cPanel & WHM System Administrator**
- *The Linux Foundations* - **Certified Kubernetes Administrator**
- *Google Cloud Platform* - **Professional Cloud Network Engineer**
- *Google Cloud Platform* - **Professional Cloud DevOps Engineer**
- *Google Cloud Platform* - **Professional Cloud Architect**
- *Google Cloud Platform* - **Associate Cloud Engineer**

TOOLKIT

Operating System	Ubuntu, CentOS, Debian, Windows
Cloud Technology	GCP, AWS, Azure, Alibaba
Configuration Management	Ansible, Chef
CI/CD Tools	GitlabCI, Github Action, FluxCD, ArgoCD, Jenkins
Virtualization	VMWare, VirtualBox, Proxmox, Virtualizor
Containerization	Docker, Docker Swarm, Kubernetes, Containerd
Programing Language	Shell/Bash, Python, PHP, HTML, JS
Monitoring Tools	Prometheus, Grafana, Observium, ELK
Networking	Cisco, Mikrotik, IPsec, Routing Switching
Version Control	Git, Github, Gitlab, BitBucket, HelmCharts
Database	AWS RDS/Aurora, Google Cloud SQL, MySQL, PostgreSQL
Web server	Apache, Nginx, HA-Proxy, Litespeed
Infrastructure as Code	Terraform, Cloud Formation, Deployment Manager
Security	Snort, Vault Hashicorp, Sonarcube, Gosec