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, 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 relevan Technology.

WORK EXPERIENCE

PT. Privy Digital Identity   **Indonesia**
System Engineer (DevOps / Cloud / SRE)   **Apr 2023 - Present**

- Implement a blue green deployment strategy to minimize downtime due the human error.
- Setup, deploy, manage and maintain scalable containerized microservice apps.
- Configuring CI/CD for build, test, and release apps with minimize manual intervention.
- Up-to-date with the latest Technologies and DevOps tools.
- Make sure uptime of apps is healthy by implement autoscaling also health checks.
- Ensuring Business-as-Usual (BAU) development operations apps is smooth.
- Collaborate with Developers also other IT professionals to achieve project goals.
- Analyze root causes system issues and create post-mortem reports for future prevention.
- Wrote several knowledge-based, handbooks, and system architecture designs..
- Managing Cloud Infrastructure as well as On-Premises Infrastructure.
- Main Toolkit: Kubernetes, Docker, GitlabCI, FluxCD, Ansible, HelmCharts, Terraform, Vault Hashicorp, Bash/Shell, Python, Google Cloud Platform, Amazon Web Services.

PT. Delta Neva Angkasa DomaiNesia   **Indonesia**
Technical Linux Specialist   **Jul 2020 - Apr 2023**

- Provide effective solutions and resolve technical issues reported by users.
- Problem solving issues across various frameworks such: JS (Node, React, Nuxt, Express), PHP (Laravel, CodeIgniter), Python (Django, Flask, FastAPI), Ruby, Go, WordPress.
- 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.
- Wrote some technical documentation, knowledge-based and guidelines.
- Monitoring uptime server entire hosting environment to ensure status is healthy.
- Migrated multiple website users across servers with minimal downtime.
- Perform some research and development bash tool scripts to reduce manual repetitive tasks.

- Main Toolkit: Ansible, cPanel/WHM, WHMCS, Grafana, Icinga, Exim Mail, MailChannels, GoTeleport, WPcli, CSF, DNS, CloudFlare, Docker, Imunify360, CentOS, Ubuntu, CloudLinux, MySQL, MariaDB, MongoDB, PostgreSQL, OpenNebula, Bash/Shell.

PT. Jetorbit Teknologi Indonesia   **Indonesia**
Linux System Administrator (DevOps)   **Jan 2020 - Jul 2020**

- Ensure system stability and security by performing routine maintenance tasks.
- Migrated multiple website users across servers with minimal downtime.
- Implementing security hardening server by configure SSL certificates, RBAC, and firewalls.
- Develop a routine backup for accidentally overwritten and disaster recovery strategies.
- Implement load balancing techniques also databases replication.
- Managing Linux VPS by fresh installations, configurations, and troubleshooting.
- Maintaining High Availability (HA) uptime of all servers before they occur.
- Main Toolkit: cPanel/WHM, DirectAdmin, Plesk, WHMCS, Ansible, Docker, Wazuh, ELK, Observium, JetBackup, SpamAssassin, CentOS, Ubuntu, CloudLinux, Nginx, Apache, LiteSpeed, MySQL, MariaDB, WPcli, CSF, DNS, HA-Proxy, Virtualizor, Proxmox.

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.
- Founding HostAja.com that offer Registration Domain, Hosting Services, Website Services which affordable prices also built all Technology and Infrastructure inside it.

FORMAL EDUCATION

University of Mercu Buana Yogyakarta   **2021 - 2024**
Bachelor's Degree Informatics Engineering   *GPA 3,79*

University of Amikom Yogyakarta   **2017 - 2020**
Associate's Degree Informatics Engineering   *GPA 3,88*

CERTIFICATION

- *The Linux Foundations -* **Certified Kubernetes Administrator (CKA)**   **2024 - 2027**
- *Google Cloud Platform -* **Professional Cloud Network Engineer (PCNE)**   **2024 - 2026**
- *Google Cloud Platform -* **Professional Cloud DevOps Engineer (PCDE)**   **2024 - 2026**
- *Google Cloud Platform -* **Professional Cloud Architect (PCA)**   **2024 - 2026**
- *Google Cloud Platform -* **Associate Cloud Engineer (ACE)**   **2024 - 2027**

TOOLKIT

Operating System	Ubuntu, Debian, CentOS, Rocky, Alma, Windows
Cloud Technology	GCP, AWS, Azure, Alibaba, Digital Ocean, Linode
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	Bash/ Shell, Python, PHP, HTML, JS
Monitoring & Log	Prometheus, Grafana, Observium, ELK, Datadog
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