

# HILMI AFIFI AL - ATSARI

Indonesia | +6285728518982 | hilmiafifi12@gmail.com | [www.linkedin.com/in/xhilmi](https://www.linkedin.com/in/xhilmi)

## SUMMARY

I am a Technology Enthusiast. DevOps and Cloud is my passion. I have over 3 years with deep hands-on experiences in Tech Company. My responsibility is building, deploying, managing infrastructure across on-premises and cloud platforms (AWS, GCP, Azure, etc.). I am skilled in CI/CD pipelines, Kubernetes clusters, and both monolithic and microservices architectures. I hold [4X] GCP (Google Cloud Platform) Certifications and [1X] Kubernetes CKA Certification also proficient in a range of platforms and some other tools including Docker, FluxCD, HelmCharts, Terraform, Ansible, Linux, Bash scripting.

## WORK EXPERIENCE

<b>PT. Privy Digital Identity</b> <b>System Engineer</b>	<b>Yogyakarta, Indonesia</b> <b>May 2023 - Present</b>
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- Doing the exact same things as Site Reliability Engineer and DevOps Engineer.
- 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.
- Continuous improvement by stay up-to-date with the latest DevOps tools and Technologies.
- Ensure uptime of applications is healthy by implement autoscaling also robust health checks.
- Provide 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.
- Troubleshoot some system issues by analyze root causes and create post-mortem reports for future prevention.
- Write some of knowledge-based, handbooks, and system architecture designs.
- Working closely with some relevant tools including Kubernetes, Docker, GitlabCI, FluxCD, Ansible, HelmCharts, Terraform, Bash/Shell, Vault Hashicorp, .etc

<b>PT. Delta Neva Angkasa DomaiNesia</b> <b>Technical Specialist</b>	<b>Yogyakarta, Indonesia</b> <b>Jul 2020 - Apr 2023</b>
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- Provide effective solutions and resolve many complex technical issues reported by users such: email issues, dns issues, ddos issues, .etc
- Debugging 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.
- Write some technical documentation, knowledge-based and guidelines.

- Create "Macros" for predefined responses to minimize repeating multiple actions of internal team in a conversations with users.
- Monitor uptime server entire hosting environment to ensure status is healthy.
- Migrate 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**

**Yogyakarta, 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.
- Migrate 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.
- Setup new servers control panels for efficient user website management.
- Implement load balancing techniques also replication databases.
- Manage VPS environments by fresh installations, configurations, and troubleshooting.
- Maintain 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**

- 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**

**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

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- *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

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