HILMI AFIFI AL - ATSARI

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**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, Python and Bash scripting.

**WORK EXPERIENCE**

**PT. Privy Digital Identity**

**System Engineer**

**Yogyakarta, Indonesia**

**May 2023 - Present**

* 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, .etc

**PT. Delta Neva Angkasa DomaiNesia**

***Technical Specialist***

**Yogyakarta, Indonesia**

**Jul 2020 - Apr 2023**

* 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**

***Linux System Administrator***

**Yogyakarta, Indonesia**

**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**

*Bachelor's Degree Informatics Engineering*

**2021 - 2024**

*GPA 3,79*

**University of Amikom** **Yogyakarta**

*Associate's Degree Informatics Engineering*

**2017 - 2020**

*GPA 3,88*

**CERTIFICATION**

* *cPanel Certified Partner* - **cPanel & WHM System Administrator**
* *The Linux Foundations*- **Certified Kubernetes Administrator**
* *Google Cloud Platform -* **Professional Cloud Netwok 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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| --- | --- |
| **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 |
| **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, Hashicorp Vault, Sonarcube, Gosec |