NUGROHO WAHID FEBRIYANTO

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SKILLS

- Groovy | Bash | Linux-based system | Cloud Computing | JavaScript
- Git | CI/CD | Jenkins | Docker | Kubernetes | PostgreSQL | EC2 | Ubuntu | Centos | Nginx
- Devops | DigitalOcean | Indonesia

EXPERIENCE

PT. Tristar Surya Gemilang *January 2023 – Present*

Project Prototype LOS BJB – Devsecops

- Implemented Consul API to manage microservice resources on both the backend and frontend, enhancing communication efficiency between services and ensuring a more stable and scalable system.
- Collaborated with the development team in application project and infrastructure development, ensuring seamless integration, optimizing system performance, and supporting scalability and sustainability.
- Integrated Discord Notifier from Jenkins to Discord Channel, enabling developers to monitor the development process in real-time and access build and deployment logs more efficiently.

Project Sisappra Satpol PP – Devsecops

- Implemented CI/CD pipelines using Jenkins on Development, Staging, and Production servers to automate build, testing, and deployment processes.
- Developed and deployed a Go-based backend and a Node.js-based frontend, both containerized with Docker to enhance portability and deployment efficiency.
- Monitored containerized applications using Portainer, ensuring better visibility and management of running containers.
- Configured and set up containerized databases for a microservices architecture, utilizing PostgreSQL, Redis, MongoDB, and Minio to ensure optimal scalability and performance.

Project TestTool Artajasa – Devops

- Implemented application containerization using Docker on RedHat OS to enhance scalability and deployment efficiency.
- Managed and monitored containers with Portainer, ensuring stability and more efficient troubleshooting.
- Designed and deployed CI/CD pipelines with Jenkins on a private server accessible only via VPN client, utilizing proxy configurations for internet connectivity.
- Configured webhook connections through a dedicated VPN within Docker containers, enabling seamless GitHub-Jenkins integration on a private server.
- Structured development, staging, and production environments based on branching strategies for a more organized and efficient workflow.

Project Eproc Tripatra– Devops

- Implemented containerization for CodeIgniter-based applications using Docker to enhance scalability and portability.
- Configured and managed CI/CD pipelines with Jenkins to automate the deployment process.
- Managed and optimized cron jobs to automate connections and data transfers to the SFTP server.

Project Odoo – Devops

- Configured a Docker environment template for dynamically running Odoo applications, enabling flexible deployment across multiple projects.
- Implemented CI/CD pipelines with Jenkins to automate the update and deployment of Odoo addons.

- Configured Nginx as a reverse proxy to manage access to multiple Odoo instances, enhancing security and application performance.

Internal Division – Devsecops

- Configured a Jenkins Master-Slave setup to centrally manage multiple servers, enhancing automation efficiency and deployment processes.
- Implemented Portainer as a centralized container management tool to monitor container activity across all managed servers.
- Deployed Grafana for real-time monitoring, providing data visualization on server performance and resource utilization.
- Configured Wazuh as a centralized security system to proactively detect threats and ensure server security.
- Implemented Nginx Proxy Manager on the MOS server as a domain management hub for multiple servers, enabling more structured and efficient control.
- Deployed and managed GitLab Community Edition (CE) for a company's internal DevSecOps division, establishing a secure and efficient internal repository for code versioning and collaboration.

Kementerian Komunikasi dan Informatika (MSIB)   *August 2022 – December 2022*
Cybersecurity: Road to Junior Incident Response Team

- Cybersecurity Analyst: Completed milestone projects related to cybersecurity using the Scrum methodology, with daily activities tracked in a Trello backlog.
- Penetration Tester: Conducted security analysis and penetration testing on websites to identify vulnerabilities and provide recommendations for improvement.
- Soft Skills Development: Attended webinars on essential soft skills, including effective communication, project management, and time management, to support project execution during the internship.

CV Kusuma Buana (Banyumas, Jawa Tengah)   *February 2022 – July 2022*
Infrastruktur VPS(Cloud)

- Server Administrator: Managed, maintained, and ensured the stability of assigned servers, including security, optimization, and performance monitoring.
- Server Infrastructure: Designed and managed server infrastructure to ensure smooth deployment processes on web servers and support efficient scalability.
- Full-Stack Developer: Developed web-based applications using Laravel, including:
  - A cooperative savings and loan management system to streamline financial management and transactions.
  - A futsal stadium management and online booking platform, enabling customers to make real-time reservations.

EDUCATION

Amikom Purwokerto University – GPA: 3.71 / 4.00   *2019 – 2023, Banyumas, Indonesia*
Bachelor of Information Technology   *Graduation Date: February 2023*

- **Finnal Assigment :** Development Of Product Software As A Service (SAAS) For Saving And Loan Cooperatives Using Docker Containers Solutions.
- **Certification - RH124:** *Red Hat Enterprise Linux System Administration I* – Proficient in fundamental Linux system administration, including user management, system configuration, and service administration in a Red Hat Enterprise Linux environment.
- **MSIB Batch 3 - Cybersecurity Certificate:** *Road to Junior Incident Response Team* – Gained in-depth knowledge of cybersecurity, incident analysis, and threat response within IT infrastructures.

SMK Muhammadiyah Sampang – Vocational High School   *2015 – 2018, Cilacap, Indonesia*

Computer and Network Engineering

- **Axioo Class Program Certification: Hardware Troubleshooting –** Proficient in identifying and resolving computer hardware issues.
- **Axioo Class Program Certification: Hardware Maintenance –** Knowledgeable in hardware maintenance, optimization, and preventive care to ensure system performance.

LEADERSHIP & INVOLVEMENT

Amikom Purwokerto University – Red Cross Volunteer Corps   *2020 – 2021*

- Active member of UKM KSR, participating in various social activities and disaster response training.
- Chairperson of the Webinar "Improving Survival and Mental Health After Disaster", responsible for planning, coordination, and event execution.
- UKM KSR Representative in the Bina Desa program by the Student Executive Board (BEM), contributing to community service and village empowerment initiatives.
- Logistics Division in the UKM KSR New Member Training Program, managing and preparing logistical needs to ensure the smooth execution of training activities.

Amikom Purwokerto University – Academic Activities & Self-Development   *2021 - 2022*

- Participant in the MBKM Program at the Faculty of Computer Science, taking part in the Merdeka Belajar Kampus Merdeka initiative to develop skills beyond the academic curriculum.
- Presenter at the MBKM Expo at the Faculty of Computer Science, showcasing experiences and learning outcomes from the MBKM program to the academic community.
- Participant in the MSIB Program (Certified Internship & Independent Study) under Kampus Merdeka by the Ministry of Education, gaining industry-relevant skills aligned with workforce demands.