

Ganteng Januar Sugiwantoro

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SUMMARY

A Computer and Network Engineering graduate with a deep interest in Cloud Computing and DevOps, I have achieved the Certified OpenStack Administrator (COA) certification from OpenStack & OpenInfra Foundation, which proves my expertise in building and managing cloud infrastructure. During my internship, I gained a deeper understanding of virtual server management, automation using CI/CD, as well as the application of DevOps practices to improve teamwork efficiency. Have experience in building, managing, and monitoring cloud-based systems using tools such as Docker, Kubernetes, Openstack and others. With a high learning spirit and eagerness to grow, I am ready to contribute to the IT industry with efficient and innovative solutions.

WORK EXPERIENCE

PT. Boer Technology

Dec 2024 - Jan 2025

Support Team Bootcamp Cloud Engineer

- Assisted 18 bootcamp participants in understanding and completing course materials related to Ceph, OpenStack and Kubernetes, and provided additional explanations if needed.
- Actively moderated 8 live sessions during the bootcamp, ensuring smooth communication and discussion between participants and instructors.
- Provided answers to participants' technical questions via Discord as well as providing hands-on guidance during training sessions to help participants achieve a deeper understanding.
- Accompanied participants daily to help them understand the material and complete assignments, with the goal of ensuring all participants pass.
- Coordinate with instructors or mentors to resolve complex issues, by identifying obstacles faced by participants, and taking notes of any challenges and questions to provide optimal solutions.

PT. Boer Technology

Jul 2024 - Nov 2024

Student Internship

- Learned and became proficient in more than 8 tools used in Cloud and DevOps, such as GitLab, Elastic Stack, Prometheus, Grafana, Ceph, OpenStack, and Kubernetes.
- Automating the OpenStack deployment process using Kolla-Ansible for cluster setup, saving up to 90 minutes of cluster setup time.
- Created and managed OpenStack cluster instances according to client needs, including specific security group setup to enhance the security of NGINX web server and MySQL database.
- Integrated and managed log collection systems using Filebeat, Logstash, and Elasticsearch and created 2 interactive dashboards using Kibana to support data analysis and troubleshooting.
- Implemented metrics-based instance monitoring using Prometheus and Grafana, including the creation of real-time dashboards for resource monitoring.
- Reviewed 3 courses from adinusa.id, contributed to quality improvement by providing suggestions for improvement, and ensured the suitability and readability of the material through typo checking, grammar validation, evaluation of format, structure, and consistency of modules before publication.

PROJECT EXPERIENCE

Instance Metrics Management Project Using Prometheus and Grafana

- Integrated node_exporter through cloud-init so that the launched instance is immediately configured for retrieving metrics such as Disk, CPU, Memory, and Network.
- Created a dashboard in Grafana for real-time visualization of instance conditions.
- Implemented alerting features using Alert Manager, with notifications sent to Gmail, Discord, and Slack enabling early detection of critical resource usage.
- Documenting the entire process in a blog to facilitate reference and further development.

Log Instance Data Management Project Using Elastic Stack

- Integrated Filebeat for log management (syslog and auth log) and Metricbeat for metrics collection such as Disk, CPU, and Memory.
- Created interactive dashboards in Kibana to visualize log data and metrics in real-time, helping faster problem detection.
- Implemented an alerting feature in Kibana to detect anomalies in disk, CPU, memory, and unauthorized access, helping to prevent critical system issues.
- Documenting the entire process in a blog to facilitate reference and further development.

Project Making 'Air Strike' Game Using Python Programming Language

- Create flowcharts and organize the flow of the game from start to finish.
- Assisted the coding process using Python programming language in VSCode in the process of making the game, focusing on the implementation of game logic and feature development.
- Created a game progress report as a final project assessment using Ms. Word and Canva to compile visual and text documentation
- Contributed to a team that achieved a 98/100 rating, ranking first in class for this project.

Project to Create and Operate an Online Business (Mobile Legends Rank Boost)

- Created a simple Mobile Legends Rank Boost website using WordPress.
- Manage and automate the order flow and communication with customers through Instagram and Telegram platforms, including end-to-end order receiving and processing.
- Exceeded assessment achievement target with more than 820 transactions within 1 year.

CERTIFICATIONS

Certified OpenStack Administrator (COA)

Feb 2025 - Feb 2028

OpenStack & OpenInfra Foundation

Certificate Number: COA-2500-111119-0100

EDUCATION

SMK Negeri 3 Depok

Jul 2022 - Apr 2025

Computer and Network Engineering

Achievement: Ranked 1st in grade 10 and 12, and 2nd in grade 11.

SKILL

Soft Skills: Communication, Teamwork, Critical Thinking, Problem Solving, Diligent, Meticulous

Cloud Computing: OpenStack, Kubernetes, Docker, Ceph.

DevOps Tools: GitLab CI/CD, Ansible, Prometheus, Grafana, ELK Stack.

Language: Indonesian (Native), English (Intermediate)