Wahyu Priambodo

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About Me

I'm a college student at Jakarta State Polytechnic (known as PNJ) with a strong passion for system administration, cybersecurity, and back-end development. I'm always committed to continuously learning about server management and maintenance, especially on Linux servers. I also dedicate time to developing my skills in back-end programming and cybersecurity to broaden my career opportunities in the IT field. To hone my red team skills, I regularly participate in Capture the Flag (CTF) competitions, which help me stay current with real-world security challenges.

Education

Politeknik Negeri Jakarta (PNJ) | CGPA 3.85 / 4.00

Depok, Indonesia
September 2022 - Present

- **Bachelor of applied science in Multimedia and Network Engineering**
- **Courses:** Networking, Linux, Server, Programming, Cyber Security, Cloud, and IoT.

Sekolah Menengah Kejuruan Negeri 1 Jakarta | CGPA 85 / 100

Jakarta, Indonesia
June 2018 - June 2022

- **Informatics System, Networking, and Application (SIJA)**
- **Courses:** Software Engineering, Linux, Server, Networking, Cloud, and IoT.

Internship Experience

PT Kinema Systrans Multimedia (Infinite Learning Indonesia) | 4 months
IBM Hybrid Cloud & Red Hat Program

Hybrid Classes
September 2024 - December 2024

- Learn the basics of Linux system administration using RHEL OS based on RH124 and RH134 modules.
- Work on several group projects, such as deploying a group portfolio app in IBM Cloud Object Storage, building and deploying a container-based app on Red Hat OpenShift, and creating an open-source and secure centralized log server solution using Wazuh (SIEM tool).
- Passed the EX200 exam with a perfect score and got the RHCSA certification.

PT IP Network Solusindo | 9 months
Internship as IT Support Technician

Jakarta, Indonesia
September 2021 - May 2022

- Cabling straight and cross cables for additional office internet cables.
- IP PBX installation using Sangoma PBXAct 40 and Sangoma IP Phone S205 for office VoIP purposes.
- Performing basic network configuration using real devices from many network vendors like Cisco, Extreme, MikroTik, and TP-Link.
- Automating Relational Database Management System replication, like MySQL and PostgreSQL, using ClusterControl from SeveralNines.
- Performing scheduled backup and restore of virtual instances using Veeam Backup and Replication.

Organizational Experience

Computer Student Club (CSC) PNJ | 6 months

Mentor of Cyber Security Division

- Teaching about basic web application hacking phases, from reconnaissance to reporting web vulnerabilities (more technical).
- Some of the web exploitation techniques that I teach include XSS, SQL Injection, CSRF, SSRF, IDOR, File Upload, and Backdoor.
- Helping new members get to know more about the CTF competition.
- Providing experience for new members with several web application hacking techniques so that they can do bug hunting independently.

Depok, Indonesia
March 2024 - August 2024

Computer Student Club (CSC) PNJ | 6 months

Member of Cyber Security Division

- Learn more about the basics of cybersecurity, from information security to how to properly report vulnerabilities.
- Practicing several web application hacking techniques, such as XSS, SQL Injection, IDOR, Parameter Tampering, etc.
- Create awareness posters about phishing attacks that spread on various platforms for a mini project.
- Hunting and making a web vulnerability report of the Acunetix vulnerable web application "testphp.vulnweb.com" for the final project.

Depok, Indonesia
March 2023 - August 2023

Certifications

Red Hat Certified System Administrator (RHCSA)

Red Hat, Inc.

- Successfully passed the RHCSA certification with a perfect score of 300/300.
- Got a lot of knowledge and practice about operating and maintaining Red Hat Enterprise Linux (RHEL) OS.

Infinite Learning Indonesia
December 2024 - December 2027

Network Defense Essentials (NDE) v1 Certification

EC-Council

- Successfully passed the Network Defense Essentials exam from the EC-Council with a total score 67/75 or about 89.33%.
- Learn more about the essentials needed to protect an organization's network from cyberattacks or anomalies.

Online Exam
June 2024 - June 2027

Bug Bounty Hunting Bootcamp

ID-Networkers (IDN)

- Successfully graduated from the bug bounty hunting bootcamp organized by ID-Networkers.
- Got a lot of new insights and knowledge related to tips and tricks when doing bug bounty hunting.

Online Training
May 2024 - May 2027

HCIA-Datacom v1.0 Certification

Huawei Talent

- Successfully passed the exam on the Datacom v1.0 course available on Huawei Talent with a score of 985.
- Learn the basics of data communication for future network talents.

Online Exam
February 2024 - No Expired

Google IT Support
Coursera

- Successfully completed the Google IT Support course on Coursera after successfully passing the quizzes in the 5 modules.
- Gain the basic competencies to become an IT support technician. The five materials I obtained started with understanding the basics of technical support, computer networks, operating systems (Linux), IT infrastructure, and IT security.

Responsive Web Design
FreeCodeCamp (FCC)

- Successfully completed the responsive web design certification created by FreeCodeCamp by completing various projects, such as creating portfolios, landing pages, technical documentation, survey forms, and tribute pages.
- Learn from scratch how to make a responsive web design with only HTML, CSS, and JavaScript.

Achievements

[1st Place CTF] HOLOGY 8.0 2025
Brawijaya University (Malang)

Final Offline
October 2025

[5th Place CTF] ITECHNO CUP 2025
Jakarta State Polytechnic (Depok)

Final Offline
October 2025

[4th Place CTF] National Polytechnic Informatics Competition VII (Indonesia)
Jakarta State Polytechnic (Depok)

Final Offline
July 2024

[2nd Place CTF] National Polytechnic Informatics Competition V (Indonesia)
Electronic Engineering Polytechnic Institute of Surabaya (Surabaya)

Final Offline
August 2023

Projects

LokaSync | Industry Project
Politeknik Negeri Jakarta with Lokatani

March 2025 - June 2025

- This project focused on web and mobile apps to simplify IoT engineers to manage their firmware version and update the firmware via over-the-air (OTA).
- To update firmware via over-the-air, the IoT engineer must access the web app. But, if the user wants to update firmware offline (at the place), it can be via the LokaSync mobile app.
- Developed the front-end side of the Lokatani web app using ReactJS, Tailwind CSS, and Vite.
- Deployed Lokasync web app to Google Compute Instance with Docker container.

cilogs | Industry Project
Infinite Learning Indonesia

November 2024 - December 2024

- This project focused on centralizing log servers with secure and more efficient. Bash scripts were provided to simplify the installation and setup process.
- Clients must have at least 3 Red Hat Enterprise Linux (RHEL) servers to be able to run this project.
- Wazuh agent was installed on server 1 to be able to monitor any potential cyber attacks from an intruder.
- Wazuh server was installed on server 2 to pull and analyze the server logs. If any attacks happened on server 1, then the Wazuh server will block the connection from a particular intruder. Server 2 is also integrated with a Telegram bot to notify the admin if there are cyber attacks.
- Server 3 acts as a storage server, which is to store the log from server 2, compress the log file into tarball files, and then encrypt the compressed log files with GPG keys.

Smartendance (Smart Attendance) | Project-Based Learning
Politeknik Negeri Jakarta

October 2023 - February 2024

- This project focused on a web-based app solution, which is to help the admin perform their jobs to record student attendance more accurately and efficiently.
- I developed a back-end system of the Smartendance web application with Python Flask.
- Using the MySQL relational database Management System (RDBMS) as a place to store student attendance logs.
- Data from RFID sensors, such as the MFRC522, is transmitted in real-time into the database using the Message Queuing Telemetry Transport (MQTT) protocol for Quality of Service (QoS) purposes.

Additional Skills

Soft skills: Commitment, responsibility, communication, and collaboration.
Language skills: Bahasa Indonesia (native) and English (beginner).
Interpersonal skills: Hard worker and problem solver.