

RAWDO MADINA

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SUMMARY

Computer Science student specializing in IT Security and Web Development with hands-on experience in penetration testing, system hardening, and secure backend engineering. Experienced in web development, securing applications, authentication mechanisms, and networks. Passionate about identifying vulnerabilities and building resilient systems.

EXPERIENCE

PT ASDP Indonesia Ferry (Persero)

Information Technology Development Intern August 2024 - June 2025

- Developed and deployed secure and scalable backend services using **Java Spring Boot** and **PostgreSQL**.
- Built database designs and implemented caching using **spring cacheable**.
- Deployed containerized applications with **Docker** and **Nginx**, optimizing scalability and resource efficiency
- Applied **Docker** security best practices to enhance container security and prevent vulnerabilities.
- Implemented secure authentication and encryption best practices, reducing security risks and enhancing system resilience.
- Collaborated with the frontend team using **Vue.js**, ensuring seamless API integration.

EDUCATION

State University of Jakarta | Computer Science

GPA 3.55 September 2021 - September 2025 (Expected)

SMAN 89 JAKARTA | MIPA

84.36 July 2018 - March 2021

CERTIFICATIONS

- PJPT**(Practical Junior Penetration Tester) February 2025
- eJPT**(eLearning Junior Penetration Tester) February 2025 - February 2028
- Google Cybersecurity Professional Certificate** (Coursera) June 2024

PROJECTS

ASDP Tariff Management November 2024 - February 2025

- Backend Development using Java Spring and Postgresql
- Implemented secure configurations for backend and frontend, reducing misconfiguration risks.
- Implemented precise tariff calculation logic, ensuring 100% accuracy in ferry crossing fees.

ASDP Internship Attendance August 2024 - November 2024

- Fullstack Development using VueJs with Nginx as a webserver, and Java Springboot with Postgresql
- Ensure security configuration implementations
- Deployed and assigned a local domain as part of Integration testing

ADDITIONAL SKILLS & TECHNOLOGIES

- Java
 - JavaScript
 - SQL
 - Laravel
 - HTML/CSS
- Git
 - Docker
 - Nginx
 - Web Caching
 - Postman & K6
- Penetration Testing
 - SIEM (ELK Stack & Splunk)
 - IDS/IPS (Suricata & Crowdsec)
 - Windows 10/11, Windows Server, Linux
 - Hardware & Peripheral Troubleshooting