

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
<ul style="list-style-type: none">Developed and deployed secure and scalable backend services using Java Spring Boot and PostgreSQL.Built database designs and implemented caching using spring cacheable.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

CRTA (Certified Red Team Analyst)	March 2025
PJPT (Practical Junior Penetration Tester)	February 2025
eJPT (eLearnSecurity Junior Penetration Tester)	February 2025 - February 2028
Google Cybersecurity Professional Certificate	June 2024

PROJECTS

ASDP Tariff Management	November 2024 - February 2025
<ul style="list-style-type: none">Backend Development using Java Spring and PostgresqlImplemented secure configurations for backend and frontend, reducing misconfiguration risks.Implemented precise tariff calculation logic, ensuring 0% tolerance in ferry crossing fees in coordination with the business support division.	
ASDP Internship Attendance	August 2024 - November 2024
<ul style="list-style-type: none">Fullstack Development using VueJs with Nginx as a webserver, and Java Springboot with PostgresqlEnsure security configuration implementationsDeployed and assigned a local domain as part of Integration testing	

ADDITIONAL SKILLS & TECHNOLOGIES

<ul style="list-style-type: none">JavaJavaScriptSQLLaravelHTML/CSS	<ul style="list-style-type: none">GitDockerNginxWeb CachingPostman & K6	<ul style="list-style-type: none">Penetration TestingSIEM (ELK Stack & Splunk)IDS/IPS (Suricata & Crowdsec)Windows 10/11, Windows Server, LinuxHardware & Peripheral Troubleshooting
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