

Erviano Florentino Susanto

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Summary

Cybersecurity student with hands-on experience in penetration testing, mobile app security, and vulnerability assessment. Completed 9 Hack The Box machines and identified 8 vulnerabilities in a mobile security assessment. Proficient in Burp Suite, Linux, and Python.

Education

BINUS University, Jakarta — Bachelor of Computer Science, Cyber Security

Sep 2023 - Present

Experience

Mobile Application Security Testing — Coffee Portal (Academic Project)

May 2025

Conducted comprehensive security assessment of an Android application, identifying 8 vulnerabilities across authentication, authorization, and input validation.

Discovered critical flaws including IDOR, broken access control, insecure API authentication, and missing server-side validation.

Performed static analysis using JADX and APKTool; bypassed emulator/root detection via smali code modification.

Intercepted and manipulated API traffic using Burp Suite to demonstrate exploitation scenarios with proof-of-concept.

Independent Penetration Testing — [Hack The Box](#)

Jan 2025 - Present

Completed 9 machines with documented exploitation chains from enumeration to privilege escalation.

Practiced AD/Kerberos abuse, SQL Server exploitation, network scanning, and privilege escalation techniques.

Published writeups: github.com/ervifssnt/HTB-Writeups

Projects

Secure Web Application (Academic Project)

2024

Developed and secured a PHP + SQL web application with input validation, encryption, and parameterized queries.

Conducted vulnerability testing following OWASP Top 10 guidelines.

Cybersecurity Portfolio — ervifssnt.github.io/portfolio

2024

Built a technical portfolio website showcasing security projects and writeups using HTML, CSS, and JavaScript.

Campus Network Topology (Academic Project)

2024

Designed and simulated campus network infrastructure using Cisco Packet Tracer with routing, VLANs, and network segmentation.

Blockchain E-Shop (Academic Project)

2024

Deployed smart contracts on Sepolia testnet using Solidity with MetaMask integration.

Soil Fertility Prediction System (Academic Project)

2024

Built a Random Forest ML model ($R^2 \approx 0.93$) with Flask web interface for real-time soil fertility predictions.

E-Commerce Database Design (Academic Project)

2025

Designed normalized relational database schema (UNF → 3NF) with ERD and SQL implementation for 15 tables.

Certifications

[Google Cybersecurity Professional Certificate](#) — Coursera, Oct 2025

Activities

Excellence Program FYP — BINUS University (Sep 2023 - Jul 2024)

International Seminar: Predictive Power of Regression in Business Analytics — SOCS (Nov 2023)

International Seminar: Microsoft Edge x Education — SOCS (May 2024)

Seminar: Crafting Personal Branding — BINUS Festival (May 2024)

Skills

Security: Penetration Testing, Mobile App Security, Web Security, API Security, Vulnerability Assessment, OWASP Top 10

Tools: Burp Suite, Nmap, JADX, APKTool, Wireshark, Metasploit, OWASP ZAP, Hydra, Hashcat

Programming: Python, Bash, SQL, PHP, Solidity

Systems & Networking: Linux, Git, TCP/IP, HTTP, Network Design, Cisco Packet Tracer

Languages

Indonesian (Native), English (Professional Working Proficiency)

Links

[GitHub](#) | [LinkedIn](#) | [Portfolio](#)