WILBERT GIOVANNI ARCHIE

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Third-year Cyber Security student seeking a SOC / Security Analyst internship. Built a Wazuh home lab to practice alert triage and secured a PHP web application against SQL injection, XSS, and IDOR.

EDUCATION

BINUS University – *Jakarta, Indonesia* 2024 – 2028 (Expected)
Bachelor of Computer Science (S.Kom), Cyber Security | GPA 3.84/4.00

ACADEMIC PROJECTS

Wazuh SOC Home Lab – Personal Project Oct 2026 – Present
Wazuh, Sysmon, VMware Workstation, Windows Server

- Built a home SOC lab in VMware Workstation with a Wazuh server and a Windows Server 2025 endpoint running the Wazuh agent and Sysmon (SwiftOnSecurity configuration).
- Simulated two attack scenarios (repeated failed logons and a new local account added to the Administrators group) and triaged the resulting alerts, documenting each investigation in written notes.

Secure File Storage Web App – Course Project | github.com/wilborgg/secure-file-storage-php 2026
PHP, MySQL, PDO

- Built the login, upload, and file listing backend with prepared statements to prevent SQL injection.
- Prevented XSS with output encoding and IDOR by taking user IDs from the server-side session.
- Hashed passwords with bcrypt and regenerated session IDs on login to prevent session fixation.
- Secured file uploads with an extension allowlist, 5 MB size limit, and random 128-bit filenames.

Mobile Application Security Assessment – Team Project (4 members) 2026
MobSF, Android, SAST

- Performed static analysis (SAST) of an Android APK with MobSF, identifying an exposed API key and enabled cleartext HTTP traffic.
- Co-authored the team's vulnerability report, documenting findings with proof-of-concept screenshots.

ORGANIZATIONAL EXPERIENCE

Cyber Security Community (CSC) – *BINUS University*
Activist, Human Capital Division Dec 2025 – Present

- Served as a Public Relations committee member and contact person for a CTF competition, handling poster publication and writing promotional captions.

Keluarga Mahasiswa Buddhis Dhammavaddhana (KMBD) – *BINUS University*
Activist, Gema Dhammavaddhana Publications Unit Feb 2025 – Dec 2025

- Led a team of four as **Funds Division Coordinator** for the 68th edition of Gema Dhammavaddhana magazine (May – Sep 2025), managing a work plan with assigned responsibilities and deadlines.
- Raised over IDR 1.9 million through a one-month donation drive and two pre-order rounds.
- Recorded all income and expenses in Excel, prepared weekly donation recaps, and compared magazine vendors.

SKILLS

- Security: SIEM (Wazuh), Sysmon, Alert Triage, OWASP Top 10, SAST, Burp Suite, Nmap, MobSF
- Programming: Python, PHP, C, SQL (MySQL), HTML
- Tools & Platforms: Kali Linux, Windows Server, VMware Workstation, Git, Docker
- Languages: Indonesian (native), English