BINTANG NATHANIEL SATRIA PUTRA

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SUMMARY

Cybersecurity student at BINUS University specializing in digital forensics, with hands-on SOC L1 experience in security monitoring, vulnerability assessment, and incident investigation. Skilled in log and network traffic analysis, malware analysis, and memory forensics. Active CTF player at PETIR and challenge author across forensics, malware analysis, and incident response.

EDUCATION

BINUS University - Bachelor of Computer Science (S.Kom), Cyber Security 2024 - 2028 (Expected)

- Current GPA: 3.63 / 4.00

SMAN 21 Jakarta 2021 - 2024

- Final Score: 88.71 / 100

EXPERIENCE

Security Operations Center (SOC) L1 Intern - PT Maxplus Indonesia Anugerah

Feb 2025 - Present

Jakarta, Hybrid

- Monitored security alerts using an open-source SIEM, correlating network logs and system events to identify and escalate potential threats.
- Performed vulnerability assessments on client infrastructure, documenting findings and tracking remediation progress across project folders.
- Investigated security incidents by analyzing network traffic and log data, contributing to threat detection runbooks and incident response procedures.

ACHIEVEMENTS

- Overall Champion and 1st Place - PLAYIT 2026, Politeknik Negeri Malang (Attack & Defense).
- Best Attacker - PLAYIT 2026, Politeknik Negeri Malang.
- 2nd Place - The ACE 2026, Universitas Diponegoro (Boot2Root).
- Finalist - IFEST 2025, Universitas Atma Jaya Yogyakarta (Jeopardy).

PROJECTS

- **Security Validator (SecVal)** - Web application security scanner that detects common vulnerabilities and insecure configurations, modeled on tools used in professional vulnerability assessments.
- **XposeLink** - URL shortening service built as a team project. Led system planning, security threat modeling, and team scheduling.

- **Capture The Flag (CTF) Challenge Author**
  Authored 5 challenges on a national event competition and an internal competition.
  - **National Cyber Week (NCW) 2025**
    Designed a multi-stage challenge focusing on network traffic analysis (PCAP) and malware behavior.
  - **PETIR Regeneration (internal) 2026**
    - Developed a hybrid forensics challenge integrating disk forensics, malware analysis, and reverse engineering to decrypt an encrypted payload.
    - Created an audio forensics/steganography challenge centered on signal decoding and spectrum analysis.
  - **TECHFEST - HIMTI 2026**
    Engineered a specialized hardware/signal forensics challenge involving DisplayPort data stream analysis.
  - **BeeCTF 2026**
    Authored an advanced Linux incident response challenge requiring volatile memory forensics, extraction of full-disk encryption keys, and targeted binary reverse engineering.

LEADERSHIP

Chief Compliance Officer - Cyber Security Community, BINUS University

2026 - 2027

- Developed and enforced organizational bylaws and internal policies for a ~30-member cybersecurity student community.
- Conducted compliance reviews across all organizational divisions and facilitated resolution of internal policy disputes.

Freshmen Leader & Partner - BINUS University

Jul 2025 - Jul 2026

- Mentored ~20 incoming students through the BINUS New Student Orientation program, providing academic guidance and social transition support.

TECHNICAL SKILLS

- **Offensive Security:** Burp Suite, Nmap, Metasploit, Nuclei, SQLMap, Kali Linux
- **Defensive Security:** SIEM (Open Source), Log Analysis, Threat Hunting, Incident Response
- **Forensics & Reverse Engineering:** Wireshark, Ghidra, JADX, FTK Imager, Autopsy, Volatility, Registry Explorer
- **Programming & Infrastructure:** Python, Docker, Linux, Git, CI/CD
- **Frameworks & Methodologies:** MITRE ATT&CK, STRIDE, OWASP Top 10, Agile/Scrum