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EXECUTIVE SUMMARY

I'm an Informatics student majoring in Cyber Security (Batch 2023, expected graduation in 2026), with a strong interest in digital forensics, ethical hacking, and secure web development. I enjoy solving complex problems through creative, detail-oriented approaches and have hands-on experience with tools and languages such as PHP, React, and Firebase. Currently, I'm seeking internship opportunities where I can contribute, learn, and grow in the field of informatics and technology.

EDUCATION

Bachelor of Computer Science, President University

September 2023 - Present

- GPA: 3.84 / 4.00
- Relevant Coursework: Security Risk Management, Digital Forensics, Ethical Hacking.

PROJECTS

MyPortfolio, President University

June 2025 - Present

- A modern personal portfolio website built with Next.js to showcase my projects, achievements, and skills. The site features a clean, responsive design, dynamic routing, and SEO optimization to highlight my work in web development and cybersecurity.

Secure Sign App, President University

April 2025 – May 2025

- Developed a secure web-based application for electronic document signing, achieving 100% working core features during prototype testing: document upload, digital signing, multi signer workflow, and real-time authenticity verification.
- Implemented AES-CBC encryption with PBKDF2-HMAC-SHA256, ensuring 0 developer access to user documents and protecting user data end-to-end.
- Integrated multi-factor authentication and identity verification (NIK & selfie), successfully tested with 100% accuracy on 10+ user scenarios.
- Reduced risk of document forgery and identity theft in simulated use cases, demonstrating compliance with best practices in digital transaction security.
- Deployed using Flask, Firebase, and Python libraries; contributed to frontend design using Tailwind CSS and handled signature placeholder accuracy with <5% position error after multiple tests.

Malware Analysis, President University

February 2025

- Successfully identified the infection source (192.168.40.129) and traced suspicious file transfers including a malicious malware.exe with VirusTotal detection score 62/72, confirming Trojan backdoor activity.
- Utilized tools including Wireshark, NetworkMiner, VirusTotal, Hybrid Analysis, and ANY.RUN, achieving 100% integrity verification of forensic artifacts.

Digital Forensic Investigation: Miami PD Embezzlement Case, President University

February 2025

- Conducted forensic analysis of a 20GB hidden USB drive to investigate ~\$250,000 in missing charity funds for the HopeFund case.
- Provided actionable evidence that led to suspect identification and recommendations for organizational fraud prevention.

**Digital Forensic Investigation: Operation Rembrandt Ruse,
President University**

February 2025

- Analyzed forensic disk image of suspect's workstation in high-profile \$20M art theft at the Metropolitan Art Museum.
- Reconstructed suspect activity using Autopsy, timeline analysis, OS logs, and email artifacts, supporting the museum's legal action with full forensic integrity.

**Enterprise Risk Management Web Tool Using OCTAVE Allegro
and MISP for Threat Intelligence, President University**

January 2025 - February 2025

- Developed a web-based risk assessment tool implementing OCTAVE Allegro, enabling structured risk evaluation across 4 phases for 10+ simulated assets, increasing assessment consistency by ~50% vs. manual approach.
- Built intuitive dashboards, interactive risk scoring, and exportable reports, improving usability for non-technical users by 70% (based on peer test feedback).

ORGANIZATIONAL EXPERIENCES

**Deputy Division Leader of Multimedia Design and Documentation,
President University Developer Club (PUDC)**

January 2025 - Present

- Supporting creative direction, overseeing visual content, and ensuring high-quality documentation to showcase the club's projects and activities.

Secretary, Mahasiswa Penggerak President University

September 2024 - Present

- Responsible for coordinating communication, managing documentation, and supporting initiatives that empower students to drive positive change on campus.

HONORS & AWARDS

• **Top 4 Team of Capture The Flag 2025, President University**

March 2025

Achieved Top 4 as a team in the President University CTF 2025. Solved challenges in Web Exploitation, OSINT, Miscellaneous, Cryptography, and Forensics, demonstrating practical skills in multiple cybersecurity domains such as vulnerability analysis, open-source intelligence, digital forensics, and encryption techniques.

• **Top 6 Individual of Capture The Flag 2025, President University**

March 2025

Achieved Top 6 rank as individually in the President University CTF 2025. Solved challenges in Web Exploitation, OSINT, Miscellaneous, Cryptography, and Forensics, demonstrating practical skills in multiple cybersecurity domains such as vulnerability analysis, open-source intelligence, digital forensics, and encryption techniques.

• **2nd Place of Jababeka Scholarship Award, Jababeka Group**

March 2023 - Present

Awarded 2nd place in the Jababeka Scholarship program for outstanding academic achievement and leadership potential. Ranked among the top candidates across all eligible university applicants.

SKILLS

Language: Indonesia (Native); English (Fluent)

Software: Burp Suite, Wireshark, Autopsy, FTK Imager, Metasploit, Nmap, NIST Framework, Web Vulnerability Analysis, OSINT, Virtual Machines (Kali Linux, Ubuntu), Python, Java, PHP, Firebase, HTML/CSS, React.

Soft Skills: Teamwork & Communication, Critical Thinking, Problem Solving, Attention to Detail.