# Michael Hasudungan Tampubolon
**CYBERSECURITY ENTHUSIAST | NETWORK SECURITY | WEB DEVELOPER ENTHUSIAST**

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## SUMMARY

An Information Technology student specializing in Cyber Security. Has a strong interest in programming, particularly in web development, web design, and networking. Actively explores new technologies and enjoys building secure and functional digital solutions. Highly dedicated to understanding system and network security, with a strong commitment to continuous growth in the field of information technology.

## EDUCATION

**President University**                                                      **2023 - Present**

Bachelor of Science in Computing, Information Technology                GPA of 3.54 (out of 4.00)

## PROJECT EXPERIENCE

### Dorm and Campus Virtual Tour

Tech Stack: HTML, JavaScript, CSS

> Developed an interactive web-based map to virtually showcase dormitory layouts and campus areas, significantly enhancing online tour accessibility and visitor engagement

### P.T. Square Gate One - Information Security System for Malware Analysis

Tech Stack: VirtualBox, Remnux, FlareVM, Wireshark

> Performed in-depth malware analysis on Remote Access Trojan (NjRat) within a virtual environment using Remnux, FlareVM, and Wireshark to effectively identify malware behavior, network communication, and potential system impact. Focused on basic reverse engineering techniques and identification of Indicators of Compromise (IoC).

### E-commerce Mobile App

Tech Stack: Android Studio, Kotlin, Firebase

> Built a simple Android-based mobile application that streamlined stock management for small business owners, integrated with Firebase for realtime database functionality.

### Security Risk Management Project

Tech Stack: HTML, CSS, Python

> Created a functional and intuitive security risk assessment website based on the Octave Allegro framework, facilitating systematic risk evaluation.

### Café Menu Order

Tech Stack: PHP, MySQL, Bootstrap

> Developed a web-based application that optimized café operations by managing menus, automating raw material inventory, and digitizing

## COMPETENCIES

- Network Configuration, Cybersecurity, Web Development, Hardware Configuration
- Technical Skills: HTML, CSS, JavaScript, SQL, PHP, Python, React.JS, Mongo.DB, Express.JS, Node.JS, Bootstrap, Laravel, Wireshark, Cisco Packet Tracer, VM VirtualBox, Basic Networking, Subnetting, Firewall Configuration
- Languages: English (Intermediate), Indonesian (Fluent)
- Certificate: National Logic Competition Schematic (2018), Information Security Fundamentals - Udemy (2025), Introduction to Cyber Security and Career Awareness Micro Skill - Digital Talent Scholarship (2025), Use Generative AI For Software Development – IBM Skills Build (2025), IBM Granite Models for Software Development – IBM Skills Build (2025), Connect and Protect: Networks and Network Security – Google (2025).