Michael Hasudungan Tampubolon

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About Me

An Information Technology student with a strong passion for web development, web design, and computer networking. Highly motivated to apply and expand foundational skills in HTML, CSS, JavaScript, PHP, Python, and React.JS to build robust and user-friendly web applications. Actively engaged in various technology projects and committed to continuous growth in the field of information security and web technologies.

Education

Senior High School: Yayasan Soposurung, SMA Negeri 2 Balige
Major: Science (MIPA)
Years: 2017 - 2020

University: President University
Major: Information Technology - Cyber Security Concentration
Years: 2023 - Present
GPA: 3.54 / 4.00

Project Experience

- **Dorm and Campus Virtual Tour**
  - Technologies: HTML, JavaScript, CSS
  - Description: 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**
  - Technologies: VirtualBox, Remnux, FlareVM, Wireshark
  - Description: 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**
  - Technologies: Android Studio, Kotlin, Firebase
  - Description: Built a simple Android-based mobile application that streamlined stock management for small business owners, integrated with Firebase for real-time database functionality.
- **Café Menu Order**
  - Technologies: PHP, MySQL, Bootstrap

- o Description: Developed a web-based application that optimized café operations by managing menus, automating raw material inventory, and digitizing customer order processing.
- **Security Risk Management Project**
  - o Technologies: HTML, CSS, Python
  - o Description: Created a functional and intuitive security risk assessment website based on the Octave Allegro framework, facilitating systematic risk evaluation.
- **Portfolio Website**
  - o Technologies: HTML, CSS, JavaScript, React.JS
  - o Description: Built a personal portfolio website demonstrating foundational web development skills and responsive design principles, showcasing profile, skills, and completed projects for professional needs.

Organizational / Committee Experience
- **Home Cleanliness Competition**
  - o **Role**: Logistics
  - o **Description**: **Managed logistical aspects to ensure smooth execution of a community cleanliness competition, fostering teamwork and community pride in maintaining tidy spaces.**
- **Gimi Gimi**
  - o Role: Logistics
  - o Description: Provided disciplined logistics and personal shopping services, consistently prioritizing customer satisfaction and ensuring secure, convenient, and transparent transactions.

Certifications / Training
- National Logic Competition Schematic (2018)
- Information Security Fundamentals - Udemy (2025)

Technical Skills
- **Programming Languages**: HTML, CSS, JavaScript, PHP, Python
- **Frameworks & Tools**: React.JS, Bootstrap, Wireshark, Packet Tracer, VM VirtualBox
- **Networking & Security**: Basic networking, subnetting, firewall configuration

Soft Skills
- Teamwork
- Problem Solving
- Communication
- Time Management

Languages
- Indonesian: Fluent
- English: Intermediate - Active