



JUDIKA MARPAUNG

Informatics Engineering Student | Cyber Security

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PROFILE

Seventh-semester Informatics Engineering student focused on cyber security, with a web development background (React, Next.js, Laravel) that supports secure coding and web application security. Gained hands-on experience in network traffic analysis with Wireshark and network troubleshooting through an internship. Works with Kali Linux and Burp Suite, and has built cryptography and full-stack web projects.

EDUCATION

- Perbanas Institute Jakarta** | Bachelor of Informatics Engineering 2023 – 2027 (Expected)
- **GPA:** 3.47/4.00
 - **Focus Areas:** Network Security, Secure Programming, Software Development

WORK EXPERIENCE

- PT Inixindo Persada Rekayasa Komputer** | Education Division Intern August 2026 – October 2026
- Rebuilt a replica of the company's CRM from scratch and wrote its full technical documentation.
- PT Langit Inovasi Aksi Teknologi (LiaT)** | Internship September 2025 – December 2025
- Monitored and analyzed network traffic using Wireshark and helped troubleshoot connectivity issues.

PROJECTS

- NakamotoX** | Cryptography Visualization App
- Tech Stack:** Python, FastAPI, Laravel 12, Alpine.js, Docker, Nginx | github.com/JudikaM/kripto_simulator
- Built an educational app that implements and visualizes ChaCha20 and Caesar Cipher from scratch.
- WarungKu** | Full-Stack Food Ordering App
- Tech Stack:** React, Vite, Node.js, Express, Firebase, Midtrans | github.com/JudikaM/warungku-app
- Built a food ordering app with JWT/bcrypt auth, role-based admin access, and Midtrans payments.

VOLUNTEER EXPERIENCE

- Yayasan Cipta Mandiri (YCM)** | Volunteer Computer Instructor 2024 – Present
- Scholarship Program:** Proyek Masa Depan (PMD) Die Brücke Foundation
- Teach basic computer skills every Saturday to elementary (grades 3–6) and junior high students.

SKILLS

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|------------------------------|--|
| Cyber Security | : Network Traffic Analysis, Network Troubleshooting, Cryptography, Secure Coding |
| Security Tools | : Wireshark, Kali Linux, Burp Suite |
| Programming | : Python, JavaScript, PHP |
| Web Development | : React, Next.js, Node.js, Express, Laravel, FastAPI, Tailwind CSS, REST API |
| Database & DevOps | : MySQL, PostgreSQL, SQLite, Firebase, Docker, Nginx, Linux, Git/GitHub |
| Data | : Web Scraping, Data Cleaning & Validation |

CERTIFICATES

- Developing Secure Software (LFD121)** September 2026
The Linux Foundation | [Verify on Credly](#)
- Introduction to Cybersecurity** September 2026
Cisco Networking Academy | [Verify on Credly](#)
- Introduction to DevOps and Site Reliability Engineering (LFS162)** September 2026
The Linux Foundation | Credential ID: LF-pvzru3um5q | [Verify on Credly](#)
- Introduction to Computers and Operating Systems and Security** July 2026
Microsoft (Coursera) | Credential ID: 0ETJEXKRYN1B | [Verify on Coursera](#)
- Programming for Everybody (Getting Started with Python)** July 2026
University of Michigan (Coursera) | Credential ID: FPSVDUC77GX9 | [Verify on Coursera](#)
- Introduction to AI** July 2026
Google (Coursera) | Credential ID: QTZV5HM3UK40 | [Verify on Coursera](#)