MUHAMMAD NUR FALAK MINHAR LUKMAN

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SUMMARY

Informatics graduate (B.Comp.Sc. / S.Kom., Cum Laude, GPA 3.92/4.00) from STMIK El Rahma Yogyakarta with MikroTik (MTCNA) certification and hands-on expertise in IT Support, Network Infrastructure, and Software Development (Python & Mobile). Proven track record in deploying multi-client local servers and executing real-time technical troubleshooting at the international Prambanan Mendut Interhash 2026 event, alongside computer lab maintenance and foundational coding instruction. Proficient in Windows OS diagnostics, LAN management, automated device testing, and AI & Prompt Engineering for log analysis and system issue resolution.

SKILLS

Programming & Database	: Python, SQL (MySQL), Kotlin (Android Native), Dart, Flutter, HTML, Bash/Shell Scripting
Networking & Server	: MikroTik RouterOS (MTCNA Certified), LAN Configuration, Multi-Client Localhost, Cable Management
IT Support & Systems	: Windows OS Installation & Troubleshooting, PC Hardware Diagnostics, SSD Migration, Peripheral & Driver Setup
Tools & Platforms	: Git, GitHub, Android Studio, VS Code, AnyDesk (Remote Support), Android Debug Bridge (ADB)
AI & Diagnostics	: AI-Assisted Troubleshooting, Prompt Engineering, System Log Analysis, Performance Monitoring
Soft Skills	: Technical Communication & User Training, Problem Solving, Teamwork, Time Management

EXPERIENCE

Prambanan Mendut Interhash 2026 | Registration Management Team (IT Support) Yogyakarta, Indonesia
IT Support & Local Network Infrastructure (International Event) *May 2026*

- Designed and deployed a multi-client local server (localhost) architecture connecting dozens of registration laptops to support international participant check-ins.
- Served as on-site IT Support responsible for LAN stability, client software configuration, and real-time hardware and network troubleshooting.
- Ensured zero-downtime data synchronization and seamless registration operations throughout the international event.

SMK Koperasi Yogyakarta Yogyakarta, Indonesia
Informatics Teaching Intern & IT Support Assistant (Field Work Practice) *July 2025 – August 2025*

- Taught Informatics and Basic Coding (HTML, Programming Logic, Computer Hardware & Software Architecture) to 10th-grade students (Digital Business & Accounting) in computer laboratories.
- Executed hardware/software maintenance and visual standardization across 5 Computer Laboratories (Labs 1–5), including workstation cable organization and unit identification numbering.
- Assisted school IT technicians in server room maintenance, structured network cabling, and LAN connectivity testing.

PROJECTS

HermesOSINT – Open Source Intelligence Tool & API github.com/RianSyrrus/HermesOSINT
Python, CLI, REST API, OSINT Analysis, Requests

- Architected and built a modular Python application for automated Open Source Intelligence (OSINT) data gathering and investigation with fast execution performance.
- Provided both a Command Line Interface (CLI) and a structured REST API to streamline data integration and automated querying.

DroidDoctor – Android System Diagnostics & Automation github.com/RianSyrrus/DroidDoctor
Python, Android Debug Bridge (ADB), System Diagnostics, Automation

- Developed a Python-based diagnostic automation tool to analyze device performance, inspect system logs, and accelerate technical troubleshooting across Android devices and PCs.

Mobile App & Utility Apps (Task-Note, ZikirQ) github.com/RianSyrrus
Kotlin (Android Native), Dart, Flutter, State Management

- Built native Android applications using Kotlin and cross-platform utility apps using Flutter featuring responsive user interfaces and efficient local data persistence.

EDUCATION

Sekolah Tinggi Manajemen Informatika dan Ilmu Komputer (STMIK) El Rahma Yogyakarta 2022 – August 2026
Bachelor of Informatics (S.Kom. / B.Comp.Sc.) | GPA 3.92 / 4.00 (Cum Laude, 148 Credits)

PUBLICATIONS

JATI (Jurnal Mahasiswa Teknik Informatika) – ITN Malang | SINTA 4 Accredited Vol. 10 No. 3, June 2026

- First Author (Undergraduate Thesis) — "Implementasi Algoritma Spherical Trigonometry dan Solar Position untuk Penentuan Arah Kiblat pada Aplikasi Mobile Offline Berbasis Flutter", pp. 3820–3827 (ejournal.itn.ac.id/jati/article/view/18032).

CERTIFICATIONS

- MikroTik Certified Network Associate (MTCNA) — Cert No. 2604NA9040 (Valid until April 2029)
- Certificate of Appreciation: Registration Management Team — Prambanan Mendut Interhash 2026 (No. 017/RMT/PMI/2026)
- Dicoding Indonesia: Machine Learning for Beginners, Getting Started with Python Programming, Prompt Engineering for Software Developers, Basic Artificial Intelligence, & Personal Development Strategies

LANGUAGES

Indonesian: Native | **English:** Basic (Technical Reading & Documentation)