Alwan Farhan Aziz

IT Engineer & Software Developer

Bekasi, West Java, 17520 | +62 89678194404 | alwwwan.farhan@gmail.com [LinkedIn](#) | [GitHub](#) | [Website](#)

Professional Summary

Experienced IT Engineer with over 4 years of proven expertise in operational IT, network infrastructure, and software development. Adept at troubleshooting networks, optimizing systems, and building applications using Python, Visual Basic, PHP, JavaScript, Laravel and Django. Passionate about continuous learning and implementing new technologies, currently pursuing a Bachelor of Computer Science degree to enhance programming skills.

Skills

IT & Networking

- **Network Infrastructure**: Ubuntu server configuration, subnetting, VLAN, WLAN, hotspot, firewall, internet gateway, bandwidth management.
- **Hardware**: Maintenance of PC/Laptops, printers (laserjet, label, card), CCTV, and access doors.
- **Operating Systems**: Installation and configuration of Windows and Linux (Ubuntu, Kali Linux).
- **Security**: Ethical Hacking, proficiency with Wireshark and Nmap.

Software Development

- **Programming Languages**: Python, Visual Basic .NET, Javascript, PHP, SQL, Shell.
- **Web Technologies**: make web static with HTML and CSS, make dynamic web with Django, Laravel, Streamlit and React.
- **Databases**: Operate DBMS (Sqlite3 & MySQL).
- **Applications**: Web Scraping, desktop application development (Winform).

Other Skills

- **Languages**: English (TOEFL 550), Japanese (JFT A2).
- **Tools**: Microsoft Office, Filmora (Video Editing).

Projects

Deployment: Provisioning of New Systems with Windows 11 for Intune Activation and Direct Registration to Azure *(April – July 2025)*

Skill : : System Administration and System Defense

Benefits :

Optimizing the IT installation process, ensuring every device has an identical configuration, guaranteeing automatic updates for security, and reducing manual installation time.

Installation of CC10 Machines for the HCMC Laboratory Project *(December 2024)*

Sill : Network Engineering

Benefits :

Transmitting local data to the RxCNC server to be read by the next process, increasing the accuracy of lens measurements for lux products, and making it easier for users to make final decisions before moving to the next process and dispatch session.

Deployment of End-User Data to New Systems for the HR Division and Regional Team *(June - November 2024)*
Sill : Application Support and Testing
Benefits :
Enabling users to easily monitor monthly payments, track holidays, permits, and absences; allowing the HR team to easily track employee work status; saving user data and integrating it with regional data; and testing the application's procedures, security, and operational functions for users.

More : visit my [Website](#)

PT Supervisi Rama Optik Manufacturing - Essilor Luxottica Group | Bekasi, Indonesia
IT Operational and Infrastructure L1 & L2 | November 2022 - Present
- Troubleshoot and repair infrastructure systems to ensure seamless input/output processes for business operations.
- Developed a local production system from the network side, which increased human resource efficiency by 35%.
- Create local application, like scan ip port, ping and tracert, daily report, etc.
- Make automation with shell for production process is lighter.
- Created new network topologies for PCs, network devices, and production machinery.
- Enhanced system security through provisioning and regular monitoring, aligning with Cyber Security Team standards.
- Automated repetitive tasks by creating bots to streamline workflows.
- Reduced local network, infrastructure, and operational issues by 40-50% annually.
- Provided technical support and training to the HR, CI, PE, Maintenance, and Production teams.
- Created software validation protocols and risk analysis in compliance with ISO 13485 standards.

PT Amartha Mikro Fintek | Jakarta, Indonesia
General Affair Support | March 2022 - August 2022
- Successfully completed the mission of building branch offices in Gorontalo, Jambi, North Sulawesi, and North Sumatra.
- Conducted location surveys for the establishment of new offices.

Madrasah Ibtidaiyah Assuyutiyaa | Bekasi, Indonesia
English & Computer Teacher and IT Support | June 2020 - February 2022
- Taught English & Computer subjects to students from 3rd to 6th grade.
- Created learning modules to help students easily comprehend theories.
- Responsible for the maintenance and repair of PCs, Laptops, and CCTV in the school.

Education

- **Sekolah Tinggi Menejemen Informatika Komputer - Al Muslim** | Bekasi, Indonesia
Bachelor of Computer Science | 2023 - 2027 (In Progress)

- **Sekolah Tinggi Bahasa Asing - JIA** | Bekasi, Indonesia
Bachelor of English Literature | 2016 - 2020 | GPA 3.30

Certificate

- **Network =** MTCNA, Fortinet NSE 4, Cisco Network Academy Network and Security Support
- **Server =** Linux System Administration,
- **Program =** Laravel and Django