# HUD ROSLAN

**Cloud, Security & IT Support Engineer** Kuala Lumpur, Malaysia | +601121917499 | hudroslan@gmail.com [GitHub](#) | [LinkedIn](#)

## CAREER OBJECTIVE

Technical Support Engineer with 4+ years of experience in IT systems and software deployment. Currently pivoting into Cloud Infrastructure (AWS) and Cybersecurity (CEH) to deliver secure, automated, and scalable enterprise solutions.

## TECHNICAL SKILLS

- **Cloud & Virtualization:** AWS (S3, IAM, Lambda), Proxmox VE (LXC/VM), KVM.
- **Automation & Development:** n8n (Self-hosted), Python (Flask), Bash Scripting, HTML/CSS (MM-based high-precision rendering).
- **Networking & Security:** Tailscale (Zero-Trust Architecture), DICOM/PACS Networking, CEH (Penetration Testing, Kali Linux, Nmap, Metasploit).
- **Specialized IT:** DICOM Protocol, Java RMI Troubleshooting, Service Dependency Management.

## KEY PROJECTS

Digital Jobsheet System (Full-Stack & Security)

- Developed a production-ready internal web application using **Python (Flask)** to digitize manual paper-based engineering workflows.
- Engineered a precision-frontend using HTML/CSS based on millimeter units to ensure consistent A4/PDF print output.
- Integrated **Tailscale (Zero-Trust)** to provide secure internal remote access for on-site technicians without public port exposure.

Clinical Imaging & PACS Migration (Hospital Environment)

- Led the migration of medical imaging data from Syngo (Siemens) to **INFINITT PACS** in a mission-critical hospital environment.
- Resolved complex technical bottlenecks involving DICOM ports (104, 204) and **Java RMI (Port 1099)** service dependencies on Romexis servers.
- Managed network configurations (Static IP, VLANs, Gateways) to ensure zero data loss during critical system transitions.

AI-Powered Resume Factory (Home Lab Automation)

- Architected a self-hosted automation engine using **n8n** running on a **Proxmox** infrastructure.
- Integrated **Llama3 (Ollama)** to perform automated Job Description (JD) analysis and dynamic resume tailoring.

## PROFESSIONAL EXPERIENCE

IT Support Engineer | Amedix Sdn Bhd (2020 - Present)

- Specialist in PACS/DICOM system integration and medical imaging infrastructure maintenance.
- Coordinated secure networking across 6 MINDEF sites for encrypted DICOM data sharing.

Structural Design Engineer | Galaxy Aerospace Malaysia (2017)

- Managed airworthiness review activities and designed specialized tooling for Airbus & Agusta Westland helicopters.

## 🎓 EDUCATION & CERTIFICATIONS

- **AWS Certified Cloud Practitioner** (AWS)
- **Certified Ethical Hacker (CEH)** (EC-Council)
- **Bachelor of Engineering Technology in Industrial Design** (UniKL)