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.
- Supported and maintained PACS and DICOM-based dental imaging systems across clinics nationwide.
- Installed, configured, and troubleshot X-ray machines, imaging workstations, and PACS servers.
- Managed DICOM image transfer between modalities and servers, ensuring data integrity and system uptime.
- Configured network settings, firewall rules, IP routing, and secure connectivity for clinical environments.
- Implemented backup and recovery strategies to mitigate data loss for imaging systems.
- Led the MINDEF Digital Lab Project, overseeing multi-site networking across six military camps to enable secure DICOM image sharing.
- Provided end-user training to clinicians and technicians on imaging software and imaging workflows.
- Acted as the primary technical point of contact for high-value medical imaging equipment issues.
- Performed hardware repairs and corrective maintenance on equipment, including board replacements and post-repair functional testing.
- Provided technical consultation on medical imaging system requirements and clinic layout in accordance with local healthcare authority guidelines.

Product Designer | Luxbee Sdn Bhd (2019 - 2020)

- Supported the preparation of 3D drawings, shop drawings, as-built drawings, and construction drawings for projects all over Malaysia
- Contributed to the design and manufacturing of factory stacking racks, optimizing space utilization and functionality.
- Created a variety of media, including new Raya posters, company t-shirt designs, payment voucher forms, and delivery order forms.
- Managed the creation and organization of Drawing Sent Records for the years 2019 and 2020.
- Assisted in the development of 3D house layouts for clients, enhancing visualization and planning

Structural Design Engineer | Galaxy Aerospace Malaysia (2017)

- Supported various CAMO activities, including Planning, Technical Records, Publication, Technical Services, and Airworthiness Review.
- Assisted in the review and assessment of Airworthiness Directives (AD) and Service Bulletins (SB) issued by manufacturers and aviation authorities.
- Contributed to the design and fabrication of specialized tools for Airbus Helicopters and Agusta Westland models
- Played a key role in the modification of the Bambi Bucket Removal system for Agusta Westland model AW 139 helicopters.
- Participated in the redesign of seating for Beechcraft model King Air 350.
- Assisted in the evaluation and implementation of Service Bulletins for Agusta Westland AW119 and AW139 helicopters.

CERTIFICATIONS

- **AWS Certified Cloud Practitioner** (AWS)
- **Certified Ethical Hacker (CEH)** (EC-Council)

EDUCATION

- **Bachelor of Engineering Technology in Industrial Design** | UniKL
- **Foundation in Law** | UiTM Kuantan Faculty of Law
- **(SPM)** | Sekolah Menengah Teknik Muadzam Shah (Civil Engineering)