



MUHAMMAD IHSAN BIN SALAHUDDIN

ise6327@gmail.com | 019-3691570 / 013-2377270
linkedin.com/in/ihsan-salahuddin | Kota Bharu, Kelantan

PROFESSIONAL SUMMARY

Experienced engineer with 8 years of working in government hospitals support service/healthcare. Skilled in troubleshooting, restoring medical devices, and handling asset management systems. Passionate to embrace The Fourth Industrial Revolution (IR 4.0) demands, I'm seeking opportunities to explore new technologies and knowledge, especially in the cloud and its architecture. Exceptional skills in the cloud, especially in Microsoft Azure cloud. Currently, I'm looking for a junior Cloud Engineer position that aligns with my goal of becoming a Cloud Architect Specialist in the future.

CAPABILITIES

Microsoft Azure

- Manage Azure identities and governance solutions (Entra ID, IAM, Policy, SAS, Tags)
- Implement and manage data storage solutions (Blob, Fileshare, Storage Tier, Azure SQL)
- Manage Azure compute resources (Virtual Machine, AppService, Function)
- Manage virtual networking (VNet, Subnet, Peering, Load Balancer, ExpressRoute, DNS)
- Maintain Azure resources and monitoring solutions (Log Analytics, Azure Monitor)

WORK EXPERIENCE

Biomedical Engineer, Radicare (M) Sdn Bhd, Kota Bharu

September 2017 - August 2025

- Provide non-clinical support services specifically within the biomedical department, ensuring the smooth operation of hospital equipment for healthcare services.
- Deliver technical and solution-based support to hospital end-users and administrators through work orders, onsite assistance, and training.
- Troubleshoot and restore the functionality of medical equipment, managing service tickets in alignment with asset uptime SLA. Successfully maintained medical equipment in the hospital, achieving a KPI of 99.83% asset uptime in 2023 and 99.88% in 2024 to date.
- Coordinate with vendors and in-house technical staff to meet customer needs and satisfaction requirements.

Conversion Engineer, Materialise (M) Sdn Bhd, Petaling Jaya

June 2013 - April 2014

- Use Materialise software to convert 2D medical images (Radiology/CT/MRI) into 3D bone models. Participated in a side project to beta test new software versions prior to production release.
- Perform pre-surgery planning using 3D bone models, consulting with local and international teams to achieve the best possible outcomes for final designs.
- Design and create customized surgical guides for orthopedic surgeons, ensuring precision and effectiveness during actual surgeries.
- Successfully maintained a KPI of handling 25 cases per week to meet company product demand.

EDUCATION

Master of Science in Engineering Electronic and Electrical Engineering

Sept 2014 - Sept 2015

The University of Sheffield

Bachelor of Engineering Technology in Medical Electronics

July 2010 - May 2013

Universiti Kuala Lumpur British Malaysian Institute

TECHNICAL SKILLS

Microsoft Azure | Windows and Linux Administration | Terraform (IaC) | Python | VMWare | Network
Arduino (C++) | Microsoft Office (Excel, Word, Powerpoint) | Asset & Services Management Systems (ASIS)
Medical Equipment Troubleshooting & Restoration

SOFT SKILLS

Communication | Adaptability | Problem Solving | Teamwork | Willingness to Learn | Thoroughness
Technical Support | Continuous Learning | Time Management

LICENSES & CERTIFICATIONS

- **Microsoft Certified:** Azure Administrator Associate (**Exam AZ-104**), Microsoft
- **Microsoft Certified:** Azure Solutions Architect Expert (**Exam AZ-305**), Microsoft

TRAINING

- SIRIM Academy - ISO 13485:2016 Internal Auditing Training
- Competency Medical Equipment Calibration and Uncertainty Measurement Training
- Verizon - Cloud Platform Job Simulation, Forage
- Udemy - AZ104 Microsoft Azure Administrator Full Course
- Udemy - The Complete Networking Fundamentals Course. Your CCNA Start
- Udemy - Complete Linux Training Course to Get Your Dream IT Job 2023
- Udemy - Terraform on Azure
- Anesthesia Unit Training
- Radiation Safety Awareness Course
- Electrical Safety Analyzer Training
- Imaging, Light Source, Insufflators, Pumps & Hygiene Virtual Training
- Lux Meter Training
- Switch Mode Power Supply Technologies Training
- NIBP Simulator Introduction Session
- Care & Maintenance of Endoscopy
- CT Scan SOMATOM Definition Edge Technical Training
- Lunar iDXA Basic Technical Training
- Competency in Electro-Medical Equipment Electrical Safety Testing with Compliance to IEC 62353
- Basic Training on Full Field Digital Mammography

ADDITIONAL INFORMATION

- **Languages:** Malay (native), English (professional), Japanese (beginner)
- **Awards/Activities:** Member of Board of Engineers Malaysia (BEM), Top 10 Final Year Project UniKL BMI 2012, Participant in Malaysia Microsoft Office Word Championship 2009, Dean's List 2010/11/12