

AMIR HAZIM BIN ZULHAZMI

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PROFESSIONAL SUMMARY

A results-oriented Cybersecurity Professional with almost 2 years of experience at PwC Malaysia, specialising in cybersecurity risk assessment, governance, and the development of security architectures like Zero Trust and Enterprise Security Architecture. Proven ability to conduct comprehensive risk and resiliency assessments aligned with regulatory frameworks such as RMIT, and industry standards including NIST and CISA. Skilled in evaluating security controls, identifying gaps, and providing actionable recommendations to enhance clients' risk posture. Experienced in red team engagements, translating offensive insights into defensive strategy improvements, and leading R&D initiatives for security tool implementation and AI in SOC use cases.

SKILLS

- **Cybersecurity Domains:** Risk Management (RMIT, NIST-based assessments, Gap Analysis, Control Evaluation), Security Governance & Compliance (Policy & Framework Development, Regulatory Alignment), Security Architecture (Zero Trust [NIST SP 800-207, CISA ZTMM], Enterprise Security Architecture), Network Resiliency Assessment (Availability, Integrity, Confidentiality), Vulnerability Assessment & Penetration Testing (Red Teaming), Security Operations (as part of SOC operation and engineering)
- **Frameworks & Standards:** NIST (SP 800-207, ZTMM), CISA Zero Trust Maturity Model, RMIT (Risk Management in Technology).
- **Technical Acumen:** Offensive Security, Artificial Intelligence (for SOC use cases), Security Tool Implementation.
- **Programming Languages:** Python, Java, C++, C, MATLAB, Haskell, JavaScript, SQL
- **Languages:** Native speaker in Malay and Fluent in English
- **Core Competencies:** Analytical Thinking, Problem-Solving, Stakeholder Management, Reporting, Strong Attention to Detail, Self-Driven with High Level of Integrity, Team player, Highly Motivated and a Result-Oriented Person.

WORK EXPERIENCE

Pricewaterhouse Cooper Risk Services (PwC) MALAYSIA

Cybersecurity Senior Associate

Kuala Lumpur, Malaysia
(September 2023 - present)

- Conducted a comprehensive **Network Resiliency Assessment** for a major financial institution, evaluating adherence to **RMIT requirements** focusing on availability, integrity, and confidentiality.
- Played a key role in a team developing a **Zero Trust Reference Architecture** for a national bank, aligning with the **NIST SP 800-207 framework** and **CISA Zero Trust Maturity Model** to enhance their security posture.
- Contributed to the development of an **Enterprise Security Architecture (ESA)** for a national bank, ensuring alignment with business objectives and industry best practices to establish a robust security foundation.
- Performed **penetration testing** for a financial institution, focusing on identifying system vulnerabilities and gaps, and delivered comprehensive reports detailing findings and remediation strategies.
- Engaged in **red team operations**, to identify weaknesses in physical and logical security controls, providing detailed reports with actionable remediation recommendations.
- Led **R&D initiatives** for PwC Malaysia Cyber Threat Operation, focusing on security tools implementations and exploring AI applications for SOC use cases to enhance threat detection and response capabilities.
- Conducted a **Zero Trust capability assessment** for a national bank, evaluating existing security measures and identifying areas for improvement against Zero Trust principles.
- Maintained and improved **SOC infrastructure**, adding new use cases and integrating security tools to enhance monitoring and response capabilities.

EDUCATION

THE UNIVERSITY OF MANCHESTER (UoM)

BSc Computer Science (Hons) - Second Class, Division One (2:1)

Manchester, United Kingdom

(July 2023)

KOLEJ MARA SEREMBAN

A-Level - 3A*

Seremban, Malaysia

(June 2020)

MRSM KUBANG PASU

Sijil Pelajaran Malaysia (SPM) - 9A

Kubang Pasu, Malaysia

(2018)

International General Certificate of Secondary Education (IGCSE) - 3A*,3A

(November 2017)

CERTIFICATES

- CCZT - Certificate of Competence in Zero Trust (CCZT)
- OSCP - Offensive Security Certified Professional
- CKA - Certified Kubernetes Administrator
- ISC2 - Certified in Cybersecurity (CC)
- TCA & TCO - Tanium Certified Administrator & Operator

EXTRACURRICULAR ACTIVITIES

- Top 200 participant for Shopee Coding League (2022)
- 1st Place in Great Uni Hack, GUHackathon (2020)
- Volunteering as a coding mentor in Manchester Coder Dojo (2022)

REFERENCES

MR. MOHD NAZRI BIN HALIM

Teacher at MRSM Kubang Pasu

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