

# Amir Adrian Amir Hamzah

🔒 Cyber Security Vulnerability Management

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## 👤 Career Statement

As a Cyber Security Specialist, I am driven by a relentless pursuit of improvement, continual learning, and effective problem-solving. With a commitment to quality assurance, I have successfully led my team across diverse facets of cyber security. Through hands-on experience, I've honed a robust skill set, acquired extensive knowledge, and developed resilience in confronting challenges. My passion for staying at the forefront of industry advancements underscores my proactive approach to securing digital landscapes and fostering a culture of innovation within the cyber security domain.

## 🏢 Experiences

### PETRONAS Digital Sdn Bhd

Aug 2023 - Actual: Vulnerability Management

- Led a high-performing team in conducting internal penetration test
- Actively participated in multiple red team processes, enhancing the organization's overall security posture
- Implemented automation for external surface management, streamlining the identification and remediation of potential vulnerabilities.
- Onboarding new tools, ensuring seamless integration into the existing security infrastructure
- Maintained above 90/100 score on security and overall rating of 'A', reflecting a robust security posture.

## 🎓 Education

### Monash University

Completed: BCS Data Science

Thesis topic "Implementation of the Failure Modes and Effects Analysis (FMEA) methodology for risk detection in the electro-surgical pencil device with smoke evacuation to enhance product quality."

## ⚙️ Technical Skills

- ✓ Automation
- ✓ Penetration Testing
- ✓ Machine Learning/Deep Learning
- ✓ Quality Assurance
- ✓ Web Development
- ✓ Process Validation

## 🌟 Certifications

- 🌟 Certified Red Team Expert - Ongoing
- 🌟 Junior Penetration Tester (eJPTv2) - Ongoing

## 🔗 Notable Projects

### PassCon

Feb 2024 - Current: An open-source passive reconnaissance framework for penetration testing.

### ATTiny85 - BUSB

Oct 2023 - Nov 2023: A framework to create malicious USB for social engineering.

## 🗣️ Languages

- 🌐 English - Native
- 🌐 German - Business Competence
- 🌐 Bahasa Melayu - Casual Conversation
- 🌐 French - Beginner