Amir Adrian Amir Hamzah

⌂ *Setiawangsa, Kuala Lumpur* | 📞 *(+60) 17-387-7614* |
🌐 *digitisedgarden.com* | ✉ *amiradrian@protonmail.com* | 🔗 *amiradrian* | ⌂ *@0xnarwhal*

PROFESSIONAL SUMMARY

I am an accomplished data scientist with a strong foundation in analysis, visualization, and machine learning. Currently, I lead a cybersecurity team, specializing in penetration testing and enhancing security postures. Committed to continuous development, I stay ahead of industry trends to contribute effectively in dynamic environments.

AWARDS AND CERTIFICATIONS

Goethe-Zertifikat B2	*Goethe Institut*	*December 2024*
Certified Red Team Expert (CRTE)	*Altered Security*	*October 2024*
Certified Network Associate (CCNA)	*Cisco*	*October 2024*
Junior Penetration Tester (eJPT)	*INE*	*June 2024*
Certified Cloud Associate (ICCA)	*INE*	*June 2024*

TECHNICAL SKILLS

Languages : Python, C++, SQL (Postgres, MySQL), Java, JavaScript, TypeScript, HTML, XML, JSON, CSS, Sass
Verbal Languages : English (Native), German (Business-Ready), Bahasa Malaysia (Casual), French (Beginner)
Frameworks : React Native, Node.js, Flask, Django, ExpressJS, Bootstrap
DevOps and API Tools : IIS, Git, Docker, Azure DevOps, Swagger, Postman
Cloud and Security Tools : AWS, Azure Cloud, SQL Server, Microsoft Sentinel, Wazuh
Others : PowerBI, Power Automate, Agile (Scrum/Kanban), Debugging, Reverse Engineering

EXPERIENCE

Vulnerability Management Executive | *PETRONAS Digital*   *August 2021 –Present*
- Orchestrated and spearheaded a high-performing penetration testing team, successfully executing targeted exercises on **80 critical and severe assets** within a single year, fortifying organizational resilience against cyber threats.
- Ensured operational excellence and robust security posture by maintaining automated vulnerability assessment tools, contributing to a proactive security approach.
- Safeguarded external security posture by consistently maintaining an **'A' rating and >90/100 score** on external attack surface management tools, dedication to protecting the organization's assets.
- Improved team efficiency and dynamics by strategically implementing automation across various operational areas.
- Curated informative data visualizations for internal and reporting usage, providing valuable strategic insights to the Chief Information Security Officer.

EDUCATION

Monash University	**BCS in Data Science** — CGPA: 3.0	*October 2020 – July 2023*
Deutsche Schule Kuala Lumpur	**Deutsche Internationale Abitur** — CGPA: 3.2	*August 2017 – May 2019*

PROJECTS

PassCon | *Python, Automation, API, Reconnaissance, OSINT*   *Spring 2024*
- An automation tool to perform passive reconnaissance on a domain. Perform well known passive reconnaissance techniques to achieve optimal penetration testing activities.
- Actively using the tool during my entire career.

Bad USB Framework | *ATTiny85, C++, Scripting, Social Engineering*   *Fall 2023*
- A framework that allows developers to curate their own malicious USB.
- Highly informative repository to provide awareness and clarity.