**Muhammad Fadhli**

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**PROFESSIONAL SUMMARY**

Singapore

An IT Security Engineer with a strong operational security background seeking for an opportunity in the Cybersecurity domains of Cloud Security and Active Cyber Defence. A self-starter and an excellent communicator with a strong interest in ethical hacking, vulnerability assessment and penetration testing. I would like to work with other Information Security professionals who share my passion, as well as to further improve my skills and impactfully contribute to the growing demand in Cybersecurity.

**INDUSTRY CERTIFICATIONS and EDUCATION**

**Security Product Knowledge**

**Akamai Technologies**

* Web Application Protector (WAF)
* Content Delivery Network
* Web Filtering

**Outpost24**

* Continuous Penetration Testing

**Pentera.io**

* Automated Infrastructure Penetration Testing

**Palo Alto Networks**

* Prisma Cloud

(CSPM, CWPP)

**ForgeRock**

* Access Management

(Authentication / SSO)

**Symantec**

* Data Loss Prevention

(Maintenance)

**Year Attained**

OCT 2019

OCT 2019

NOV 2019

Jan 2020

Jun 2020

JUL 2020

AUG 2021

aug 2021

jan 2022

2022

2015

2011

**Industry C****ertifications**

**CPSA** CREST Practitioner Security Analyst

**ECSAv10** EC-Council Certified Security Analyst

**CHFIv9**  Computer Hacking Forensic Investigator

**ITILv4**  Foundation Certificate in Service Management

**CCSKv4** Cloud Security Alliance Certified Cloud Security Knowledge

**AZ500**  Microsoft Certified: Azure Security Engineer Associate

**MTA** Microsoft Technology Associate: Server Fundamentals

**SC900** Microsoft Security, Compliance, and Identity

**HCIA**  Huawei HCIA-Security

**Education**

**ICSI,** University of Central Lancashire

***Masterpath Certificate in Cybersecurity (In progress)***

**SCDF,** Singapore Civil Defence Force

***Diploma in Emergency Response***

**Republic Polytechnic**, Singapore

***Diploma in Business Computing***

**PROFESSIONAL WORKING EXPERIENCE**

**BMW Asia**, Regional Office Singapore 2021 - Current

***IT Security Engineer***

**COUNTRY RESPONSIBILITIES**

* **Regional Cybersecurity Engineer** for BMW APAC Region
* Security Agile Master responsible for the secure release of web and mobile applications from

the Product Team (Regional Hub that builds applications for the 9 countries under BMW APAC region

* Steer Security Topics with Product team and perform frequent assessment of Security Controls including

review of Governance, Risk and Compliance matters and creation of security artefacts

* Work closely with other IT departments across the Asia-Pacific region on Information Security Matters

such Conformity Statements, Privacy Impact Assessment, Information Classification

* Periodically review the results and methodology from vulnerability scans, penetration tests, code reviews

and present findings to internal customers and vendors

**REGIONAL RESPONSIBILITIES**

* **Sole Security Engineer** responsible for the planning, deployment, configuration and maintenance of

the Web Application Firewall solution spanning over 9 countries

* Operationalize more than 10 BMW Web Applications for WAF protection in 4 months.
* Lead project kick-offs and did presentations to Business departments and their IT vendors to onboard

the WAF Security Solution with limited resources.

* Setup shop proper with a support model following the principles of IT Service Management, ensuring that

IT Service Desk is integrated, tickets and change requests and emergencies are handled according to  
SLA agreed with application owners.

* Responsible for operationalizing and maintaining the **Regional Continuous Pentest** solution; Outpost24
* Work closely with Application Team to remediate and patch Critical, High and Medium vulnerabilities in   
  the quickest time to avoid unnecessary exposure to potential security threats
* Communicate and present security solutions to both IT and non-IT internal customers in a simplified  
  manner to ensure that Information Security must be championed by every employee.
* Completed a Proof-of-Concept for a month-long **Automated Infrastructure Penetration Testing**

in Aug 2021

* Operationalize and coordinated discussions with Israeli-based BMW innovation team and external

partners from Pentera.io for the setup of hardware and software for the eventual Sanity Test to evaluate

the efficacy of the Automated Pentest Solution.

**TEAM RESPONSIBILITIES**

* Lead the setup of a Knowledge-Base for a Team of 10 to encourage continuity and transfer of knowledge

using Agile Tools such Atlassian Confluence and Jira Board.

* Self-Initiate and facilitate discussions with team members on a weekly basis to clear doubts and blockers

And work on improving work processes for quicker and better quality in delivery of work

**Self-employed**, Singapore 2018 - 2020

***Desktop Support***

* Provided on-demand hardware and software support for individuals
* Performed operating system installation, upgrades, patching, backups and imaging for Windows 10

and other Linux-based flavors such as Ubuntu, PopOS! LinuxMint, Parrot, Debian

* Proposed recommendations to individuals for Cybersecurity Hygiene such using a password

manager and a VPN

* Responded to requests for technical assistance in person and remotely using technologies

such as AnyDesk, TeamViewer

**Singapore Civil Defence Force**, Tuas Fire Station 2015 – 2018

***Emergency Response Specialist, Staff Sergeant***

* Responsible for Fire Station’s Incident Response KPI and reporting to Senior Management
* Lead Fire awareness campaigns and workshops for surrounding companies and CERT teams within Tuas region
* Managed the fire station’s asset tracking and inventory management with RFID technologies.
* Facilitated quarterly Red Teaming exercises as part of operational security training for the fire station

**MILITARY EXPERIENCE**

**Singapore Armed Forces**, Basic Military Training Centre 2011 – 2013

***Company 2nd In-charge, Platoon Commander, Lieutenant***

* Lead a team of 20 commanders as 2nd in-charge of Viper Company to successfully conduct and coordinate military training for cohorts of up to 250 National Service enlistees every quarterly
* Spearheaded multiple innovation projects with 2 projects successfully awarded funding
* Involved in meetings with senior management to propose solutions in regards to organizational safety, security and resource planning

**ADDITIONAL INFORMATION SECURITY TRAINING & EXPERIENCE**

**IBM i.am-vitalize Cybersecurity Training Programme (SGUnited Skills Programme)** Nov 2020 – May 2021

* Applied Enterprise Design Thinking Methodologies on actual case studies using Cloud Computing, Blockchain and CyberSecurity
* Reviewed Singapore’s National Electronic Health Record (NEHR) and presented an enterprise blockchain solution using Hyperledger Fabric to tackle the security and privacy issues which led to the 2018 SingHealth Breach
* Researched and proposed recommendations for the 2020 SolarWinds Orion Supply Chain Software Breach using the NIST Cyber Security Framework complemented by IBM cybersecurity tools, SIEM Qradar and IBM X-force Threat Intelligence

**Self-Learning Activities** 2019 – 2021

* Tryhackme ~ <https://tryhackme.com/p/mftechsg>
* INE – Enrolled for Cybersecurity Pathway, planned to do EWPT and EWPTX in early 2022.
* Pentesterlab ~ <https://pentesterlab.com/profile/MFtech>
* Pluralsight
* ITProTV

**Professional Courses Attended** 2019 – 2022

* CoC in Cybersecurity Fundamentals | 21 hours | ITE | 2019
* CoC in Cybersecurity Network, Internet & Forensics | 24 hours | ITE | 2019
* NICF Certified Ethical Hacker v10 | 40 hours | Ngee Ann Poly | 2019
* NICF Certified Incident Handler v2 | 24 hours | IT Enabler Consultancy | 2019
* NICF Security Analysis and Penetration Testing | 40 hours | ITEL Learning Systems | 2019
* NICF Cyber Forensics Investigator | 40 hours | ITEL Learning Systems | 2019
* NICF - ITIL® Foundation Certificate in Service Management | 24 hours| ITEL Learning Systems | 2020
* NICF - Certified Information Systems Security Professional (CISSP) | 24 hours | NTUCLearningHub | 2020
* Practitioner Certificate for Personal Data (Singapore) | 21 hours | Temasek Poly | 2020
* Fundamentals of Java Programming | 40 hours | NTUCLearningHub | 2021
* VMware Virtualization and Cloud Fundamentals | 24 hours | NTUCLearningHub | 2021