

# MOHAMMAD ZULFIQAR BIN WARDI

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## PROFESSIONAL EXPERIENCES

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Manager, Cyber Offense (Red Team)

**Tenaga Nasional Berhad**

📅 April 2023 – Present

- Develop and implement red team strategies and tactics to simulate real-world attacks and test the organization's cybersecurity defenses.
  - Work closely with the blue team (defense team) to identify vulnerabilities and weaknesses in the organization's security posture and develop remediation plans.
  - Conduct regular assessments of the organization's cyber defenses, identifying and prioritizing vulnerabilities and providing recommendations for improvement.
  - Lead and manage a team of cybersecurity professionals responsible for executing red team exercises.
  - Develop and maintain comprehensive documentation on red team processes, procedures, and findings to improve future red team exercises.
  - Following up-to-date on the latest cyber threats, vulnerabilities, and trends, and apply that knowledge to improve the effectiveness of red team exercises.
  - Collaborate with other teams within the organization to ensure that red team exercises are conducted in a safe and controlled manner that does not disrupt normal business operations.
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Principal, Penetration Testing and Red Team

**Digital Nasional Berhad**

📅 October 2022 – April 2023

- Participate in Security Assessments of networks, systems, wireless network and applications.
  - Vulnerability management and analysis.
  - Provide guidance to junior penetration testers in term of technical and soft skills.
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Penetration Testing Advisor - Security Assurance

**Dell Global Business Center Sdn. Bhd.**

📅 November 2021 – October 2022

- Conduct and participate in authorized penetration testing exercises.
  - Collaborate with other internal and external supporting groups on target access and operational issues.
  - Report on and prioritize findings to vendors, security team, and engineering through standard escalation processes.
  - Support the continuous development and maintenance of team frameworks and operating procedures.
  - Act as a subject matter expert and local leader for penetration testing.
  - Continuously upgrade knowledge, skills and awareness in cybersecurity technologies by way of independent research, training or any other self-improvement methods eg; (Reading, HTB, CTF competitions)
  - Mentor junior team members and support their technical development.
  - Lead or collaborate on additional projects, assignments or initiatives as required.
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## Senior Consultant - Risk Advisory (Cybersecurity Risk)

### **Deloitte Asia Pacific**

📅 December 2020 – October 2021

## Business Analyst - Risk Advisory (Cyber Risk)

### **Deloitte Asia Pacific**

📅 July 2019 – December 2020

- Consult clients regarding cybersecurity best practices and also deliver solutions related to cybersecurity services.
- Perform penetration testing and vulnerability assessment on various types of technologies, implementations and industries.
- Penetration testing and red teaming using automated tools and manual techniques.
- Web application, network , wireless , API penetration testing and source code security review.

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## Web Application Front-End Developer (Internship)

### **VGMatics Sdn. Bhd.**

📅 April 2018 – June 2018

- Develop, test, and deploy user interface components for web applications.
- Collaborate with UI/UX designers to convert design mockups into functional and responsive web pages.
- Ensure cross-browser and cross-device compatibility of web applications.
- Integrate with back-end services and APIs.
- Collaborate with the back-end development team to ensure seamless integration of front-end and back-end functionalities.

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## Software Engineer (Internship)

### **GlobeOSS. Sdn. Bhd.**

📅 April 2017 – June 2017

- Develop and maintain automated scripts and tools for data extraction, transformation, and loading (ETL).
- Build and optimize data pipelines for large-scale data processing.
- Integrate data from various sources, ensuring data quality and consistency.
- Write clean, efficient, and well-documented code following best practices.
- Work with cross-functional teams to understand and fulfill their data automation needs.
- Develop and maintain automated reporting and visualization tools.
- Document automation processes and provide training to team members as needed.

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# EDUCATIONAL BACKGROUND

## Bachelor's Degree in Information Technology

### **Université d'Orléans, Orléans, France.**

📅 2017-2018

## Higher National Diploma in Information Technology

### **Université de Picardie Jules Verne, Amiens, France.**

📅 2015-2017

## Foundation

### **Institut Universitaire de Technologie(IUT), Blois, France.**

📅 2014-2015

## High School

### **Muar Science High School**

📅 2012-2013

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## PROFESSIONAL CERTIFICATIONS (YEAR OBTAINED)

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HRDF Train The Trainer Certified (2024)  
GIAC Red Team Professional, **G RTP** (2024)  
Certified Red Team Operator, **C RTO** (2022)  
Offensive Security Experienced Pentester, **O SEP** (2022)  
Offensive Security Web Expert, **O SWE** (2020)  
Offensive Security Certified Expert, **O SCE** (2020)  
Offensive Security Certified Professional, **O SCP** (2019)  
Offensive Security Wireless Professional, **O SWP** (2019)

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## RESEARCH, PAPERS AND CONTRIBUTIONS

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OWASP MY Security Talk 2023 Speaker : **Process Injection**  
Google Hacking Database Author  
<https://www.exploit-db.com/google-hacking-database?author=10400>  
ExploitDB Exploit Code Author  
<https://www.exploit-db.com/?author=10400>  
Packetstorm Security Exploit Code Author  
<https://packetstormsecurity.com/search/?q=yunaranyancat>  
Vulnerable Machine Engineer @ **Vulnhub.com**  
<https://www.vulnhub.com/entry/nezuko-1,352/>  
<https://www.vulnhub.com/entry/aqua-1,419/>

### CVE

CVE-2023-36630	CVE-2020-36553	CVE-2020-36652
CVE-2020-36551	CVE-2020-36550	CVE-2020-35261
CVE-2020-29284	CVE-2020-28173	CVE-2020-28172

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## REFERENCES

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Available upon request