Mohamed Khairy Mohamed Abdelraouf

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Professional Summary

Cybersecurity Engineer with hands-on experience in security assessments, incident response, and SOC team leadership. Passionate about safeguarding systems and identifying vulnerabilities, with a strong background in penetration testing, threat hunting, and DevSecOps.

Education

- **Bachelor's Degree in Cybersecurity**, Asia Pacific University (APU), Malaysia
- **Bachelor's Degree in Cybersecurity**, De Montfort University (DMU), UK

Professional Experience

Cybersecurity Engineer

BroadBits, Kuwait | 1.5 years

- Conducted comprehensive security assessments and developed cybersecurity strategies.
- Monitored and analyzed security events, responding to incidents promptly.
- Skills: Penetration Testing, SIEM, Incident Response, Threat Hunting, SOC Management.

SOC Analyst and Team Lead

Asia Pacific University (APU), Kuala Lumpur, Malaysia | 4 months

- Monitored event logs for suspicious activities and managed SIEM systems.
- Led a team of SOC analysts, ensuring adherence to SOPs.
- Skills: SIEM Management, Team Leadership, Incident Response.

Key Projects

- **FLASK Hamada Bank System**: Developed a secure banking application using Flask. GitHub
- **Advanced Home Lab Setup**: Created a comprehensive home lab utilizing Docker containers. GitHub
- **Python Banking Management System**: Built a fully functional banking system in Python. GitHub
- **Java-Based Car Rental System**: Collaborated with a team to design and develop a car rental system using object-oriented programming principles in Java. Integrated features for vehicle booking, reservation management, and user account handling. GitHub

- **Hamada-FYP Full SIEM In One Compose File**: Docker-based SIEM setup with Wazuh, Traefik, Grafana, and more for comprehensive security monitoring. [GitHub](#)
- **Hamada Coffee Shop Management Program**: Assembly language program for managing a coffee shop's inventory, sales, and operations within a DOS-based interface. [GitHub](#)
- **House Rent Data Analysis and Prediction using R**: Comprehensive analysis of rental housing data to identify patterns and provide predictive insights. [GitHub](#)
- **C++ QS Ranking Project**: University ranking management system developed in C++ with features for sorting, searching, and analyzing data. [GitHub](#)
- **Customer Segmentation Project using Python**: Leveraged RFM+Balance for customer segmentation to enhance marketing strategies and understand customer behavior in the banking sector. [GitHub](#)

Certifications

- **eCPPT** (Certified Professional Penetration Tester)
- **eJPT** (Junior Penetration Tester)
- **eWAPTX** (Web Application Penetration Tester eXtreme)
- **eCTHP** (Certified Threat Hunting Professional)
- **RCCE** (Rocheston Certified Cybersecurity Engineer)
- **CAP** (Certified AppSec Practitioner)
- **ACCE** (APU Certified Cybersecurity Engineer)
- **Crystal Academy Course in Data Science**

Skills

- **Technical**: Penetration Testing, SIEM, Incident Response, Threat Hunting, DevSecOps, Docker, Kubernetes, Jenkins, Git, Wireshark, Nmap, Metasploit, Burp Suite, ELK Stack.
- **Soft Skills**: Team Leadership, Problem-Solving, Communication.

Achievements

- **3rd Place** - IBOH International Battle of Hackers 2024
- **2nd Place** - ICTF APU 2024
- **5th Place** - IBOH International Battle of Hackers 2023

Languages

- **English** (Fluent)
- **Arabic** (Native)

Interests

- Capture The Flag (CTF) Competitions, Cryptography, Cybersecurity, Cloud Security

Availability

Available immediately for remote or in-person roles, open to relocation.