MUHAMMAD ABQARI ZULKIFLI

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SUMMARY

Available for a cybersecurity / data analytics / Quality Engineer / QA Tester entry-level role from 19 September 2025.

EDUCATION

Universiti Utara Malaysia   Aug 2021 – Expected Aug 2025
Bachelor of Computer Science with Honours, Major in Cyber Security   *Sintok, Kedah*

EXPERIENCE

Vice President of Education, Toastmasters UUM   Oct 2024 – Present
Toastmasters UUM   *Sintok, Kedah*
- Oversees the development and progress of members' educational goals within the Toastmasters communication and leadership tracks
- Plans and organizes club meetings, ensuring a balanced schedule of speeches, evaluations, and leadership roles
- Ensures educational resources are up-to-date and accessible for all members

Secretariat, Entrepreneurship and Leadership Bureau Inasis SME Bank   Dec 2022 – Oct 2023
Inasis SME Bank   *Sintok, Kedah*
- Assisted in event preparation, ensuring all materials and resources were available
- Supported event logistics and coordinated schedules for smooth execution
- Communicated event details to attendees for clear understanding and participation

Active Member, UUM IEEE   May 2024 – Present
UUM IEEE   *Sintok, Kedah*
- Served as a speaker for the "Intro to CTF Workshop," teaching cryptography
- Collaborated with members to organize cybersecurity events

PROJECTS

PhishGuard | *Python, Machine Learning, Kaggle Datasets*
- Developed a predictive model for detecting phishing URLs using AI techniques
- Used metrics like AUC, Classification Accuracy, and F1 Score; Random Forest achieved best results
- Shared insights via Tableau and used dimensionality reduction for feature optimization

PowerCastMY | *Python, Machine Learning, Malaysia Datasets*
- Created a forecasting model for sectoral energy usage in Malaysia
- Open-sourced the project on GitHub for researchers and analysts

QAGenius | *Python, Robot Framework*
- Developed a system where users could translate User Requirement Specifications (URS) into User Acceptance Testing (UAT) steps and subsequently into automation code
- Integrated natural language processing to parse user requirements and map them to automated test scripts using Selenium and Robot Framework
- Streamlined the QA process by reducing manual translation and ensuring consistency in test generation

Pyro | *Python, Jmeter*
- Created an application that allows users to perform performance testing by generating Apache JMeter (.jmx) files through natural language prompts
- Implemented dynamic JMX configuration generation to automate complex performance test cases without requiring scripting knowledge
- Enabled QA teams to design scalable load tests with improved speed and accuracy using a prompt-based interface

CTF Competitions

- **Rawsec CTF (2023):** Top 10 finalist

- **PETRONAS Inter-University CTF (2023):** Ranked top 60%

- **ASCIS CTF (2024):** Final round participant

- **International Battle of Hackers (IBOH) CTF (2024):** International competition participant

Technical Skills

Technical Tools: Kali Linux OS, Windows CLI, HxD, Wireshark, Autopsy, PeStudio, BlackBird, Sherlock, JohnTheRipper, BurpSuite, Orange, Tableau, Appium Inspector, Selenium, Robot Framework, JMeter
Programming Languages: Java, Python
Languages: Malay (fluent), English (fluent)