



MUHAMMAD AKRAM ZAKI BIN AMRAN

Mobile : +60 11-28710720

Email : makramzaki.work@gmail.com

Address : Bandar Baru Bangi, Selangor

LinkedIn : <https://www.linkedin.com/in/mazx28/>

Website : <https://resume.maztech.my/>



SUMMARY

Dedicated Computer Science student specializing in **Information Security and Assurance** with comprehensive expertise in Software Engineering and Networking. **CompTIA Tech+ certified professional** and **MARA Scholarship recipient (2022-present)** with proven experience in implementing robust security measures and enhancing organizational cybersecurity posture. **Active cybersecurity awareness advocate** and **public speaker** who regularly participates in **Capture the Flag (CTF) competitions**, demonstrating **advanced problem-solving skills under pressure**. Proficient in **threat assessment, vulnerability management, secure coding practices, and network security administration**. Seeking employment opportunities to apply technical expertise and drive meaningful security initiatives in forward-thinking organizations.

EDUCATION

Universiti Sains Islam Malaysia (USIM), Nilai (2021 – Present)
Bachelor of Computer Science (Hons.) in Information Security and Assurance

Universiti Sains Islam Malaysia (USIM), Nilai (2020 – 2021)
Foundation in Science and Technology

LEADERSHIP EXPERIENCE

- Designed the task for the competition AturKreatif'25 Capture the Flag (CTF) under ISAC. (2025)
 - Bureau of Publicity and multimedia, USIM Debate Club 21/22, 22/23 and 23/24 session. (2021 – 2024)
 - Deputy Director, Global Islamic Student Outreach (GISO): Discovering the Insights of Culture Tadabbur Alam di Bumi Vietnam. (2024)
 - Leader of Publicity and multimedia, Global Islamic Student Outreach (GISO): Mencari Ibrah di Selatan Thailand. (2024)
 - Leader of Safety Unit, Global Islamic Student Outreach (GISO): Ilm and Ihsan in Formosa: Empowering Knowledge and Excellence, Taiwan. (2024)
 - Speaker in sharing sessions with students from Asia Eastern University of Science and Technology, Taiwan.
 - Mentor & Judge, HackINSAN, Universiti Sains Islam Malaysia (USIM). (2024)
 - Second Vice President, Student Secretariat of The Faculty of Science and Technology, SekreFaST 22/23 session, (USIM). (2022 – 2023)
 - Deputy Director, Faculty of Science and Technology (MAFaST) Awards Ceremony. (2022)
 - Director, Crew & Friends Appreciation Ceremony. (2022)
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ACHIEVEMENT

- **Second runner-up** in UTAR Intervarsity Capture the Flag (CTF). (2024)
 - **Champion** in Microsoft AI for Accessibility Hackathon under **Microsoft**. (2024)
 - **Champion** in Capture the Flag (CTF) under AturKreatif'24 USIM (2024)
 - Received the **Dean's List Award** for the 6th semester. (2024)
 - **Finalist** in Capture the Flag Inter– Universities'23 under Petronas. (2023)
 - Awarded as **Top 4** in Curtin University Capture the Flag (CTF) (2023)
 - Awarded as **Top 4** in iTREXC Capture the Flag (CTF) Universiti Islam Selangor. (2023)
 - **Silver Award**, Mechasonic Iris Project, Malaysia Invention and Innovation Expo (2023)
 - **Silver Award**, Virtual Reality Gamification, Muamalat Interactive Game, Digital Innovation Creative Entrepreneurship (DICE'23). (2023)
 - **Gold Award**, Mechasonic Iris Project, ASEAN Innovative Science Environmental and Entrepreneur Fair. (2023)
 - Participated in 'UMHack' Hackathon Competition and created a website Artificial Intelligence (AI) based. (2023)
 - **Second runner-up** in Capture the Flag (CTF) AturKreatif Universiti Sains Islam Malaysia. (2022)
 - Received the **Dean's List Award** for the 2nd semester. (2022)
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WORKING EXPERIENCES

1. Willowglen Malaysia Sdn Bhd

(Feb 2025 – Present)

Project Software & Solution Trainee

- Designed and implemented automated systems to streamline operational workflows, reducing manual workload and improving organizational efficiency.
 - Conducted vulnerability assessments and provided strategic remediation recommendations with detailed risk analysis and business impact justifications.
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CERTIFICATES

1. CompTIA Tech+

(August 2025)

2. Python Programming Fundamentals

(Jun 2025)

SKILLS

- **Technical Skills:**
 - **Software & Tools:** Microsoft Office (Advanced), VS Code, Eclipse, GitHub, XAMPP
 - **Programming:** HTML, PHP, Java, C, C++, C#, Python, MySQL
 - **Operating Systems:** Windows, Ubuntu, Kali Linux, Parrot OS
 - **Cybersecurity Tools:** Ghidra, JADX, Nmap, Burp Suite, Wireshark, Metasploit
- **Soft skills:**
 - **Communication:** Public speaking, technical writing, cross-cultural communication
 - **Leadership & Management:** Team leadership, project coordination, mentorship
 - **Problem-Solving:** Critical thinking, strategic planning, innovation
 - **Collaboration:** Cross-functional teamwork, international cooperation
 - **Adaptability:** Rapid learning, tech adaptation, cultural flexibility
 - **Time Management:** Event planning, multitasking, academic–extracurricular balance
 - **Initiative:** Self-driven, proactive, committed to continuous growth
- **Languages:** Malay (**Native**), English (**Full Professional Proficiency**) and Arabic (**Limited Working Proficiency**).

REFERENCES

Prof Madya Dr. Sakinah binti Ali Pitchay

Professor Madya Lecturer DS54

Faculty of Science and Technology (FST)

Universiti Sains Islam Malaysia (USIM)

sakinah.ali@usim.edu.my

Norjannah Hazali

Senior Software Quality Assurance

Willowglen Malaysia Sdn Bhd

jannah@willowglen.com.my

Mr. Shaharudin Ismail

Senior Lecturer DS52

Faculty of Science and Technology (FST)

Universiti Sains Islam Malaysia (USIM)

shaharudin@usim.edu.my