



TAN WOON ZHE

COMPUTER SCIENCE STUDENT

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PERSONAL PROFILE

A motivated Information Technology student with a strong interest in cybersecurity, system development, and IT solutions. Through projects such as MosquiEye and ModZero, I have gained practical experience in web application development, system design, and security-related concepts. Possessing good problem-solving, teamwork, and communication skills, I am eager to contribute to an organization while building a career in cybersecurity and IT.

EDUCATIONAL INFO

UTMSPACE (School of Professional and Continuing Education)

DIPLOMA IN COMPUTER SCIENCE

May 2021 - May 2023

- CGPA : 3.93
- Treasurer for Creative Art and Design (CAD) club

UNIVERSITY TEKNOLOGY MALAYSIA

BACHELOR OF COMPUTER SCIENCE (NETWORK AND SECURITY)

September 2023 - July 2026

- CGPA: 3.78
- Relevant coursework: Computer Networks, Network Security, Operating Systems, Web Programming, Database Systems
- Focused on cybersecurity, network infrastructure, and system development through academic and project-based learning

WORK EXPERIENCE

Network & Service Delivery Intern

Shinjiru Technology Sdn. Bhd. – Johor Bahru, Johor

September 2025 – February 2026

- Assisted in server preparation, operating system installation, and basic configuration for deployment and service delivery tasks.
- Supported testing and troubleshooting activities to ensure server environments were stable, compatible, and ready for operational use.
- Contributed to technical project work involving network monitoring, traffic visibility, and anomaly detection concepts.
- Prepared and maintained technical documentation, reports, and operational records to support daily delivery and internal reference.
- Gained practical exposure to server administration, network infrastructure, and IT service delivery processes in a real working environment.

PROJECTS

MosquiEye – Smart Mosquito Monitoring System

Universiti Teknologi Malaysia – September 2024 to February 2025

- Developed a smart mosquito monitoring application in a university team project to support mosquito egg counting, ovitrap tracking, and hotspot identification.
- Contributed as a full-stack developer using React.js, Node.js (Express), and MongoDB to implement frontend and backend functionalities.
- Helped build core features such as dashboards, reporting, user profile management, and hotspot visualization for operational monitoring.
- Collaborated with teammates throughout the development cycle to deliver a working web application with cross-platform accessibility.

ModZero – Zero Trust Assessment and Policy Simulation Platform (Final Year Project)

Universiti Teknologi Malaysia – 2025 to Present

- Developing a Zero Trust-based platform to assess security posture across identity, devices, and access control components.
- Designing and implementing assessment workflows, scoring logic, and dashboard visualizations to improve security visibility.
- Integrating frontend and backend components to support policy simulation, security evaluation, and administrative review.
- Applying cybersecurity and software development knowledge to create a practical proof-of-concept for enterprise security monitoring.

TECHNICAL SKILLS

- Monitoring & Visualization: Grafana, InfluxDB, Telegraf, Prometheus
- Systems & Virtualization: Linux, Windows Server, Proxmox
- Networking: Network Troubleshooting, Traffic Monitoring, SNMP, NetFlow, Basic Routing and Switching
- Web Development: React.js, HTML, CSS, JavaScript
- Database: MongoDB, MySQL
- Tools: Git, GitHub, Visual Studio Code

CERTIFICATES

- Cisco DevNet Associate
- CCNA: Enterprise Networking, Security, and Automation,
- CCNAv7: Switching, Routing, and Wireless Essentials