SWAM YEE ZAW

MSC CYBER SECURITY STUDENT | TECHNOLOGY GRADUATE

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PROFILE

- MSc Cyber Security student at National College of Ireland with a BSc in Information & Communication Technology.
- Hands-on experience across the technology stack: built a **Laravel/MySQL backend and Flutter mobile app** with offline sync and a web dashboard, provided **remote network and application support**, and spent over a year **automating reporting with Python, SQL and Power BI**.
- Practical **networking, Windows Server, Active Directory, Linux and AWS** experience from labs and coursework, backed by **ISC2 Certified in Cybersecurity**.
- Adaptable, collaborative fast learner who explains technical issues clearly to non-technical users; works in English, Burmese and Thai.

TECHNOLOGY SKILLS

- **Networking & Infrastructure:** TCP/IP, DNS, DHCP, VPN, VLANs, firewalls, subnetting, network troubleshooting, Wireshark, Nmap.
- **Systems & Cloud:** Windows, Windows Server, Active Directory (users, groups, permissions), Linux command line, AWS, virtual machines (Kali Linux, Windows Server).
- **Development & Integration:** Laravel 10 (PHP), Flutter/Dart, REST APIs, Laravel Sanctum authentication, FilamentPHP, MySQL, SQLite, Postman, Vite, Tailwind CSS.
- **Automation & Data:** Python (data analysis and report automation), SQL, Power BI, Excel, PowerShell.
- **Ways of Working:** Git/GitHub (branching, pull requests), technical documentation, IT service support, stakeholder communication.
- **Security:** Role-based access control, secure authentication, log analysis, SIEM fundamentals (Splunk, Microsoft Sentinel, Elastic), incident triage.
- **Certifications:**
  - ISC2 Certified in Cybersecurity (CC),
  - Google Cloud Cybersecurity Certificate
  - TryHackMe SOC Level 0 and SOC Level 1
  - TryHackMe Security Analyst Level 1 (SAL1), in progress

EDUCATION

MSc Cyber Security **Sep 2026 - Nov 2027**

National College of Ireland, Dublin

Modules: Networking, Network Security and Penetration Testing, Forensics and eDiscovery, Secure Solution Design (group project).

BSc Information & Communication Technology **2022 - 2025**

Rangsit University International College, Thailand

GPA 3.42/4.00 (Second-Class Honours). Relevant study: Computer Networks, Information Security, Database Systems, Operating Systems, Software Development, Systems Analysis and Design.

TECHNICAL PROJECTS

EHSSG Malaria Case Management System **2025**

Laravel, Flutter, MySQL | github.com/EHSSG-Colab/EHSSG-Colab-Project

- Built a mobile app and web dashboard that replace paper-based malaria reporting for community health networks across townships and villages.
- Designed **offline-first data capture**: on-device SQLite storage that syncs to the Laravel API when the user is back online.

- Implemented **token-based API authentication (Laravel Sanctum)** and **role-based access control** (Super Admin, Admin, User) with admin-only account provisioning.
- Delivered monthly, treatment, geographic and demographic reports with **CSV, PDF and JSON export** through FilamentPHP dashboards.
- Managed code with Git branching and pull requests, and tested API endpoints with Postman.

Infrastructure & Security Home Lab **2025 - Present**

Windows Server, Active Directory, Kali Linux, AWS

- Built a virtual lab with Windows Server, Active Directory and Kali Linux to practise user and group administration, network scanning and log analysis.
- Analysed packet captures in Wireshark to trace DNS, ICMP and TLS traffic and documented findings.
- Investigated Instagram app data on a rooted Android 13 emulator using ADB and Autopsy for the MSc Forensics and eDiscovery module.

WORK EXPERIENCE

Network Support (Remote) **Oct 2025 - Apr 2026**

Build Up Your Dream With Us (Network Training School), Thailand

- Resolved software, application and network issues for users through systematic troubleshooting, escalating complex cases to technical teams.
- Diagnosed connectivity problems using command-line tools and TCP/IP, DNS and DHCP checks.
- Created and maintained troubleshooting guides and procedures to speed up resolution of repeat issues.
- Explained technical fixes clearly to non-technical users and team members.

Full-Stack Developer Intern **Jan 2025 - May 2025**

Ethnic Health Systems Strengthening Group (EHSSG), Mae Sot, Thailand

- Developed Flutter interfaces and Laravel API integrations for a malaria data-collection app used by community health workers.
- Investigated API failures, database inconsistencies and synchronisation issues using logs and structured testing.
- Gathered requirements from health-sector stakeholders and handled sensitive patient information with care.
- Maintained technical documentation, weekly progress reports and database field definitions.

Data Analyst **Mar 2021 - Aug 2022**

Aye Nyein Thi Tar Pharmaceutical Company, Myanmar

- Analysed sales, inventory and demand data using Python, SQL and Excel to identify trends and anomalies.
- Built Power BI dashboards and recurring management reports to support stock and sales decisions.
- Automated repetitive reporting and data-processing tasks with Python, reducing manual effort.
- Improved reporting accuracy by validating datasets and resolving inconsistencies.

INTERESTS AND ACHIEVEMENTS

- **Continuous learning:** Regularly complete TryHackMe and Hack The Box labs to build practical skills outside the classroom.
- **Football:** Captained high school and university teams as goalkeeper, organising the defence and motivating teammates.
- **Running & fitness:** 2025 Bangkok Marathon finisher; long runs twice a week and regular gym training since 2021.
- **Muay Thai:** Competed in Muay Thai (Thai Boxing) tournaments.