Aung Thu Aye
SOC Engineer of ARK Premium Solutions
B.Sc(Botany), Bachelor degree in Computer Science
IT and Cyber Security Diploma, Member of OWASP
Cyber Security Professional Member at Cyversity
Professional Member at Myanmar Computer Professional Association
https://www.linkedin.com/in/aungthuaye/
https://aungthuaye.blogspot.com

Contact

Bldg(6), Suite (6/B), Bo-Tay-Za Street, Bo-Tun-Zan Ward, Dawbon Township, Yangon
Voice : +959 4480 34647, Email: aungthuaye.ygn@gmail.com, aung.thuaye@owasp.org
URL: aungthuaye.blogspot.com

Degrees

Degree	Major	University	Year
B.Sc	Botany	Yangon East University, Myanmar	2011
Dip	IT and Cyber Security	John Academy, London	2020

Academic Career

- **TCM-Security Academy, 2022:** Windows Privilege Escalation for Beginners, Linux Privilege Escalation for Beginners, External Pentest Playbook, (OSINT) Fundamentals, Practical Phishing Assessments, Mobile Application Penetration Testing.
- **Aviatrix Academy, 2021:** Aviatrix Certified Engineer-Multi-Cloud Network Associate
- **Fortinet Academy, 2020:** NSE_1, NSE_2
- **ICSI (International Cyber Security Institute), UK, 2020:** ICSI|CNSS Certified Network Security Specialist
- **Texas A&M Engineering Extension Service,** 2019: Cyber Incident Analysis and Response (AWR169), Information Risk Management (AWR177), Di aster Recovery for Information Systems (AWR176),
- **Saylor Academy,** 2018-2019: CS406: Information Security (2018), BUS206: Management Information Systems (2019)
- **Mastercard Academy,** 2019: Master Card Simulators
- **Optus,** 2019: Optus Cyber Security Experience
- **Australian Signals Directorate,** 2019: ASD Cyber Exp
- **Cybrary,** 2018: Comp TIA Security+
- **Hurricane Electric,** 2018: IPv6 Explorer Certification (2018).
- **APNIC,** 2018: Routing_Basics (2018), Introduction_to_Cybersecurity(2018).
- **D-Link Myanmar,** 2018: D-Link Power Over Ethernet Switching Training (2018), D-Link Product Training – Switching & Wireless (2018), D-Link Enterprises Product Training (2018).
- **Cisco Networking Academy,** 2018: Introduction to Cybersecurity Course (2018), Cybersecurity Essentials Course (2018), Introduction to Packet Tracer Course (2018).
- **National Security Agency,** 2018: NSA Day of Cyber
- **Charles Sturt University (IT Master),** 2017-2020**:** Short Courses of Cisco CCNA v3 (2017), Cyber Warfare and Terroism (2017), Phishing Countermeasures (2018), Pen Testing (2019), CISM Prep (2020).
- **Net Pro Myanmar,** 2013-2014: CCNA Routing & Switching.
- **ICT@mm,** 2009-2010: Hardware Engineering & System Maintenance (2009), Network / Internet Engineering, Administration & System Development (2010).
- **UNFPA & Myanmar Medical Assocation,** 2009: Training of Trainers for Peer Education, Youth Leadership Development.

Career Focus and Goals

My career has focused on high impact practice and education in cyber security starting with my self-study processes. Effective cyber security requires science, engineering, business, policy and people skills. My goal has been and is to instill this culture in the discipline and provide leadership in all elements.

Cybersecurity professional with a strong interest in ethical hacking, penetration testing, vulnerability analysis, and network security. Hard-working, energetic, personable, and technical-minded individual. Possess exceptional customer service and communication skills with the strong ability to multitask and resolve issues quickly. Currently in a cybersecurity role where I continue to develop and learn new abilities while contributing to the overall success of the organization. I also possess:

- Experience in scripting languages including Python and Bash
- Excellent task management. Ability to handle multiple projects simultaneously
- Experience with security toolkits such as Kali Linux, Metasploit, and Burp Suite Pro.
- Proficient in translating information from technical to executive/management terminology

Professional Recognition

- **DEF CON CMD+CTRL Cyber Range Event, 2021:** DEF CON CMD+CTRL Cyber Range Event on Security Innovation. Awesome challenges and learn more about red teaming knowledge. I'm rank 18 out of 59 competitors.
- **Red Team ICMCP's Scholarship Training Program, sponsored by Google, 2021:** I received 6 months Red Team Jumpstart Training program. This scholarship is offensive cyber security phase 1 training (Red Team) provided by Security Innovation in 3 months. Competition of Cyber Ranges in Security Innovation organization Who I received 1st place in the leader board of competition.

University Recognition

- **American Council of Education, 2020 onwards:** Cyber Incident Analysis and Response (AWR169), Information Risk Management (AWR177), Disaster Recovery for Information Systems (AWR176).

LinkedIn Recognition

- **Franklin Marin**
  Cyber Security Professional

- It was a real pleasure to work together with Aung Thu Aye, who was an efficient cyber security engineer. He understands complicated matters even when outside of his direct area of expertise. For Aung Thu Aye the job is obviously the most important thing to do. His performance at Red Team Training sponsored by Google was golden. He is ready to deal with difficult situations and solve the problems on time. He always takes care of the job. Aung Thu Aye always maintains very good relation with teammates. I enjoyed working with him on the various Red Team Training projects we took on.

- **Wai Yan Phyo**
  CISSP

- I have noticed Aung Thu Aye is very eager to learn information security and cyber security related things since I started working in MAB IT department together with him. Although he is working in channel team, he never stop learning emerging cyber security techniques, vulnerabilities, risks. As far as I know, he attended and completed some cyber security related online short courses (Phishing Countermeasures, Cyberwarfare, NSA Day Of Cyber etc...) and also self-studying some industrial certifications like CEH and OSCP which he planning to take soon. I believed if he keep studying and learning cyber security related matters, he will be a valuable asset for every organization to hire as a IT security professional.

- **Reference**: https://www.linkedin.com/in/aungthuaye/details/recommendations/

Experience with Offensive and Defensive Security
- Self-studying on the "Try Hack Me" and "Hack the Box" for Offensive security.
- Self-studying on the "Security Blue Team" and "Let's Defend" for Defensive security.
- Freelancing bug bounty in Hacker One and Bug Crowd.
- Familiar with Trend Micro Products working flow.
- Managing penetration testing (VAPT) projects for a variety of clients.
- Communication with various customers in security operation projects.
- Monthly reporting of security issues to our customers.
- Assistance with PCI/DSS compliance.

CTFs

1 st Place out of 200, Red Team ICMCP's Scholarship Training Program CTF		June 2021
18th Place out of 59, CMD+CTRL DEFCON CTF		August 2021
2 nd Place out of 90, October Red Team Bootcamp CTF		October 2021
3 rd Place out of 80, November Red Team Bootcamp CTF		November 2021
912nd Place out of 4034, NahamCon 2022 CTF		April 2022
1 st Place out of 22, OWASP Orange County CTF		July 2022

Opportunity Career

Experience

ARK Premium Solutions (Oct 2022 ~ Until now)
11 mos
SOC Engineer

I work on the SOC team, and my main responsibility is to ensure that our customers receive reliable repair and safety services in our various projects. I manage various offensive and defensive team projects. I have a good understanding of the following security management devices: Trend Micro, Palo Alto, Fortinet, and others. Then I'm participate of more penetration testing projects. Metasploit framework, OWASP framework, NIST framework, Mitre Att&ck framework, Mitre D3fend framework and others are well-known.

Myanma Apex Bank (May 2015 ~ Oct 2022)
7 yrs & 6 mos
Technician

I'm working in CMS team; my main duty is maintenance and monitoring self-service ATM terminals. Responsible for the management of assigned IT CMS projects and business process solutions for Cards businesses. Coordinates User Acceptance Testing (UAT) of CMS and ATM as assigned. Responsible for IT Support of ATMs and POS new deployment and maintenance. I received **four** times promotion of my position.

Tasly Myanmar (Jun 2014 ~ Sep 2014)
4 mos
Technician

I'm working as IT Team Lead only one, my main duty is maintenance and monitoring office personal computers, finger print, printer, FAX, web CMS Joomla administration and network and wireless issues daily.

Cybernetics Outdoor Services (Jan 2010 ~ Sep 2013)
3 yrs & 9 mos
Technician

I'm working in IT Team; my main duty is maintenance and monitoring self-service personal computers and Internet of things in whole Yangon Region.

Freelancer Tasks

Company	:	Bug Crowd
Duration	:	2021 - Present
Position	:	Web Application Tester

Company	:	Google
Duration	:	2021 – Present
Position	:	Bug Hunter

Company	:	Hack The Box
Duration	:	2021 – Present
Position	:	CTF Player

Company	:	Try Hack Me
Duration	:	2020 – Present
Position	:	CTF Player

Company	:	Hacker One
Duration	:	2019 – Present
Position	:	Web Application Pentester

Personal

- Myanmar Citizen, 1991. Born in Myanmar. Schooled at No.6 Botahtaung School, Botany (Yangon East University). Married.
- Fond of travel, diverse cultures, books and movies. Avid spectator of sports and current affairs.