

Pramatha Yaji

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EDUCATION

Master of Science in Engineering Science (Cybersecurity)

University at Buffalo | Expected 2026 | GPA – 3.7

Bachelor of Engineering in Computer Science & Engineering

Sri Sairam College of Engineering | 2020-2024 | CGPA – 8.4

CERTIFICATIONS

CompTIA Security+ | CompTIA | Earned, 2025 – 2028

Jr Penetration Tester | TryHackMe | Earned, 2025

Associate CISSP | ISC2 | Expected, 2025

EXPERIENCE

AWS Cloud Security (Intern)

F13 Technologies – New Delhi, India

6/25/2023 – 10/24/2023

- Secured cloud infrastructure by implementing **Network Security Groups, Security Hub, and Audit Manager**, reducing security incidents by **65%**.
 - Configured **AWS GuardDuty** and **AWS Directory Service (Active Directory)** for enhanced **threat detection** and **identity management**.
 - Led cloud security initiatives by enforcing **IAM best practices, AWS VPC segmentation, and AWS WAF**, mitigating **OWASP Top 10** vulnerabilities.
 - Provided **technical support** and **troubleshooting** for AWS services, ensuring high availability and minimal downtime.
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PROJECTS & HANDS-ON EXPERIENCE

Pen-Testing Home Lab - <https://github.com/PraxmaLord/PentestingHomeLab>

- Developed a **penetration testing environment** using **VMware, Kali Linux, and Metasploitable2**.
- Identified and **exploited vulnerabilities** in a controlled lab environment.
- Gained hands-on experience with **Metasploit, Burp Suite, and Nmap**.

SOC on Azure - <https://github.com/PraxmaLord/SOConAzure>

- Configured **Azure Sentinel** to monitor **security events** on virtual machines.
- Collected and analyzed security logs using **Kusto Query Language (KQL)**.
- Implemented real-time **log streaming** to detect security anomalies.

TryHackMe / HackTheBox – Actively participated in hacking challenges such as CTFs and learned various penetration testing methods and techniques.

SKILLS AND TECHNOLOGIES

Operating Systems: Windows, Kali Linux, MacOS.

Languages: Python, SQL, C/C++.

Networking: TCP/IP, FTP, SSH, DNS, HTTP/HTTPS, OSI.

Compliance & Frameworks: PCI-DSS, HIPAA, SOX, NIST CSF, ISO 27001, MITRE ATT&CK.

Virtualization, Cloud & Analysis: VMWare, vSphere, VPN, Active Directory, Firewalls, Git, AWS, Azure, Splunk.

Soft Skills: Communication, Leadership, Collaboration.