Sai Krishna Thokala

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EDUCATION

Masters in *Cyber Security Engg*, **University of Maryland, College Park**   Jan 2023 – Expected Dec 2024

B. Tech in Computer Science, Sri Indu College of Engineering & Technology- 3.15 GPA   July 2017 – Aug 2021

SKILLS

- **Domain Skills**: Vulnerability Assessment, **Web, API, Mobile, Network Security and Penetration Testing**, OWASP Top 10, SANS Top 25, Active Directory Vulnerability Assessment, Wireshark, MITRE, Cloud Security.
- **Technologies**: Kali Linux, Burp Suite, Metasploit, Nessus, Rapid7 Nexpose, AWS CLI, Nmap, TCP/IP networking
- **Programming Languages**: Java, JavaScript, Go, C/C++, Python, Bash, VB Script, PowerShell, and databases.

TECHNICAL CERTIFICATIONS

- Offensive Security Certified Professional - **OSCP**   OCT 2021
- Web Application Security - 10 Badges/Certificates from PentesterLab
- Android and Advanced Web App Penetration Testing
- Introduction to Cybersecurity and Cybersecurity Essentials by Cisco, 2021.
- TryHackMe Advent of cyber-2020

WORK EXPERIENCE

Intern Security Consultant | The SecOps Group   Nov 2021 – Jan 2022

- Documented the identified vulnerabilities from Critical to Low levels for the clients.
- Developed the open-source code vulnerability scanner which further identifies the vulnerabilities.

Full-Time, Security Consultant | The SecOps Group   Feb 2022 – Dec 2022

- Identified possible security threats and determined the best security measures.
- provided sophisticated technical guidance on supplied networks, infrastructure, products, and services.
- Compiled and presented the reports made using Word, Excel on the test results.
- Developed 403 HTTP method bypass application based on security industry recommendations.
- Performed vulnerability assessments on more than 22 projects which involve web, API, Network and mobile applications.
- Independently handled and attended debriefs calls with clients to provide good service and mitigations on found vulnerabilities based on the Word documents created and submitted.

RELEVANT PROJECTS

G03Bypasser | The SecOps Group   Mar 2022 - Apr 2022

Developed using Golang, which can be used to bypass the 403 Forbidden HTTP method using relevant methods available in the security domain.

GoMapScanner | The SecOps Group   Jun 2022 – Aug 2022

This was being developed using Golang and YAML which will be useful for the vulnerability assessment. This application will perform an automated network scan to identify critical vulnerabilities.

ACTIVITIES AND AWARDS

- Worked as Security services assistant at Sri Indu College of Engineering & Technology, 2020-2021.
- Received Appreciation from United Nations Information Security Team for ethically reporting a vulnerability in their domain, 2021.
- Received their hall of fame from the Export-Import Bank of the United States (EXIM).
- Speaker at The SecOps Group about newly identified vulnerabilities.