

SRIVARSHA ADLA

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SUMMARY

Master's candidate in Digital Forensics & Cybersecurity with hands-on experience in cloud security and vulnerability assessment. Demonstrated proficiency in executing IAM solutions and detailed report writing through prior internships. Adept at collaborating with cross-functional teams to implement security measures and document critical risk assessments, ensuring adherence to industry best practices.

EDUCATION

SUNY Albany, New York

Aug 2024 - May 2026

MASTERS, DIGITAL FORENSICS & CYBERSECURITY

• GPA: 3.33

Guru Nanak Institute of Technology (GNIT), TELANGANA

Aug 2019 - Jul 2023

B.Tech, Electronics & Communication

• GPA: 7.0

Dr KKR's Gowtham Concept HS, HYDERABAD

May 2016 - Mar 2017

SSC

• GPA: 9.3

Sri Chaitanya Junior College, HYDERABAD

May 2017 - Mar 2019

Intermediate

PROFESSIONAL EXPERIENCE

Cognizant

Oct 2023 - Jun 2024

Cloud Security Analyst

Hyderabad, India

- Implemented and managed Identity and Access Management (IAM) solutions, enhancing secure access controls and aligning with industry security frameworks such as NIST and ISO.
- Developed and maintained data protection strategies within cloud environments, supporting comprehensive risk assessments and vulnerability management efforts.

TECH SPACE consulting private limited

Oct 2022 - Mar 2023

Cybersecurity Analyst Intern

Hyderabad, India

- Conducted web application vulnerability assessments and penetration testing using Burp Suite and Nmap, identifying and mitigating over 7 security vulnerabilities.
- Compiled detailed security reports outlining findings, risk severity, and remediation strategies, while collaborating with cross-functional teams to ensure adherence to security best practices.

Teach One

Jun 2021 - Aug 2021

Operations Coordinator Intern

Hyderabad, India

- Supervised administrative operations, including scheduling meetings, preparing reports, and maintaining records, optimizing document management and reducing paperwork errors by 40%.
- Streamlined daily operational processes, enhancing efficiency by 20% and cutting operational costs by 15%.

PROJECTS

Malware Analysis Home-Lab for Analyzing Trojan

Sep 2024 - Nov 2024

Malware Analysis Home-Lab

Flare Vm

- Established an isolated cybersecurity lab for conducting malware analysis and threat detection, focusing on Trojan malware.
- Utilized FLARE VM and REMnux to examine complex malware, including the Zeus Banking Trojan, identifying 10 unique indicators of compromise (IOCs).

Web Vulnerability Scanner using Multi-Tool Integration Python

Jul 2023 - Sep 2023

Web Vulnerability Scanner using Multi-Tool Integration

Linux

- Built an automated web vulnerability scanner by integrating security tools (Nmap, dnsrecon) using Python.
- Executed vulnerability scans on 10+ web applications, achieving a 90% accuracy rate in detecting security flaws.

A Fire Preventing / Monitoring Smart System

Jul 2022 - Mar 2023

- Designed a smart fire alarm system capable of detecting smoke, temperature spikes, and active fires, improving early warning mechanisms.
- Implemented GPS technology to transmit real-time location coordinates to fire departments for faster emergency response.

Driver Drowsiness Detection

Jul 2022 - Nov 2022

- Developed a real-time driver drowsiness detection system to prevent accidents by analyzing eye movement using computer vision and deep learning.
- Integrated OpenCV and TensorFlow to process live video feeds, triggering auditory alerts upon detecting drowsiness symptoms.

SKILLS

- **Programming Languages:** Python, JavaScript, SQL, HTML, Bash Script
- **Cybersecurity:** Linux, IAM, Vulnerability Assessment, OSINT, Web Vulnerability Pentesting, Networking
- **Tools & Technologies:** Burp Suite, Nmap, Wireshark, Terraform, Git, Docker, Nessus
- **Software Proficiency:** Microsoft Azure, Power BI, Tableau, Microsoft Office Suite, Visual Studio Code
- **Security Frameworks & Practices:** Risk Assessments, NIST Framework, ISO Framework, Cloud Security, Information Security

CERTIFICATIONS

- **Junior Cybersecurity Analyst Career Path - CISCO:** Acquired hands-on experience in web penetration testing and OWASP Top 10 vulnerabilities.
- **Certified in Cybersecurity, ISC2 '24.:** Mastered fundamental cybersecurity principles through six real-world case studies.
- **GCP Associate Cloud Engineer - Google Cloud Certification.:** Developed proficiency in GCP service configuration, cloud infrastructure management, and security best practices.
- **Java Programming: Solving Problems with Software - Coursera:** Strengthened understanding of object-oriented programming, data structures, and algorithm implementation using Java.

VOLUNTEER EXPERIENCE

Acrylic Painter

2019 - Present

- Created original acrylic paintings and exhibited work at local galleries, receiving positive feedback for creativity.

Sports Coordinator, GNIT

May 2021 - Mar 2022

- Organized and executed intra-hostel games, managing an event for 700+ participants for 3 weeks.