Yash Suhas Shinde

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EDUCATION

SUNY Binghamton   **May 2024**
Masters in Computer Science

University of Mumbai   **May 2022**
Bachelor of Engineering in Information Technology

CERTIFICATIONS

- ISC2 Certified in Cybersecurity (ISC2)   Dec 2024
- CompTIA Security+ SY0-701 (CompTIA)   Aug 2024
- Google Cybersecurity Professional Certificate (Coursera)   May 2024

TECHNICAL ACTIVITIES

JerseyCTF (Participant)   **New Jersey, USA**
Solved CTF challenges using Autopsy, forensic analysis, and server log auditing to uncover hidden data, identify vulnerabilities, and strengthen skills in digital forensics and exploitation.

Homelab   **New York, USA**
Created a segmented network using pfSense and Suricata to simulate security scenarios, conduct traffic analysis, monitor IDS alerts, and experiment with firewall and attack response strategies in a sandbox.

CTF Club Member @SUNY Binghamton   **New York, USA**
Participated in cryptography and reverse engineering challenges, collaborating with peers to solve problems, decode hidden messages, and enhance practical knowledge of cybersecurity concepts and attack vectors.

WORK EXPERIENCE

Trace Labs   **Vancouver, CA**
Volunteer Coach   Nov 2024 - Present
Investigated incidents using Chronicle and Suricata, conducted proactive threat hunting, analyzed network logs, and mitigated threats by reducing response time and improving SIEM alert workflows.

SUNY Binghamton   **New York, USA**
Research Intern   July 2024 - Present
Deployed Passbolt on AWS with SSL and backup automation; configured RBAC and firewall rules to reinforce access control, security standards, and cloud infrastructure best practices in secure environments.

TCRInnovation   **Mumbai, IN**
Junior SOC Analyst   Apr 2022 - Aug 2022
Investigated incidents using Chronicle and Suricata, conducted proactive threat hunting, analyzed network logs, and mitigated threats by reducing response time and improving SIEM alert workflows.

PROJECTS

Secure Election Booth   **Sep 2023 - Mar 2024**
Designed a secure e-voting system with SSL, one-time authentication, and public key encryption to prevent vote duplication, enhance server responsiveness, and maintain ballot confidentiality.

Web Proxy Server   **Aug 2022 - Nov 2022**
Built a multithreaded proxy server with caching, validation, and socket programming to optimize request handling, reduce load times, and ensure accurate, consistent delivery of web data.

Enterprise Network Design for College   **Aug 2022 - Nov 2022**
Built a multithreaded proxy server with caching, validation, and socket programming to optimize request handling, reduce load times, and ensure accurate, consistent delivery of web data.

SKILLS

Security Tools: Suricata, Google Chronicle, Splunk, FTK Imager, Autopsy, Wireshark, Burp Suite

Platforms: Kali Linux, pfSense, AWS, Azure, VMware, Docker, VirtualBox

Security Domains: Incident Response, SIEM, Log Analysis, Digital Forensics, Firewall Config, OSINT