

THAITHE KALATHIL HARYSHWA NAIR

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Portfolio: haryshwa29.github.io/Portfolio

PROFESSIONAL SUMMARY

Cybersecurity graduate student actively seeking internships and entry-level roles, driven by curiosity, initiative, and a strong preference for building and exploring systems rather than operating on static workflows. Naturally inclined toward experimenting, breaking down problems, and creating tools and lab environments to understand security from the inside out. Known for discipline, persistence, and self-directed learning developed through competitive sports and hands-on technical work, with a mindset oriented toward growth, ownership, and continuous improvement.

CORE SKILLS

Security Domains: Defensive Security, SOC Operations, Offensive Security Fundamentals, Malware & Ransomware Analysis, Network & System Security, Threat Intelligence

Tools & Technologies: Python, Bash, Linux, Git, GitHub, Virtualization, Log Analysis, APIs

Platforms & Practices: TryHackMe, SIEM Concepts, Incident Triage, Alert Validation

PROFESSIONAL EXPERIENCE

Cybersecurity Intern — Deloitte (INDIA)

- Supported enterprise security operations involving alert triage, investigation, and escalation.
- Analyzed security logs and telemetry to validate alerts and identify potential threats.
- Gained hands-on exposure to SOC workflows, incident response, and documentation standards.

PROJECT EXPERIENCE

SentinelScope — Threat Intelligence Automation Bot (Developed & Deployed)

- Built a Telegram-based security assistant integrating VirusTotal API for file and URL reputation analysis
- Automated threat lookups with structured logging and error handling
- Designed for reliability and operational use

SSH Honeypot — Python (Active)

- Developed a custom SSH honeypot simulating a corporate jump-host environment
- Captured attacker behavior including authentication attempts and command execution
- Generated structured logs for behavioral analysis

Ransomware Containment Sandbox (Active Lab Project)

- Designed an isolated virtual environment to safely observe ransomware behavior
- Focused on containment, monitoring, and post-execution analysis
- Applied malware-analysis and system-isolation best practices

LEADERSHIP & ACTIVITIES

Graduate Badminton Club — Stevens Institute of Technology | Officer, Event Coordinator

- Coordinated and executed events and tournaments for graduate students
- Managed scheduling, logistics, and participant coordination
- Demonstrated leadership, organization, and team management skills

HACKATHONS & TECHNICAL EVENTS

Rutgers Health Hackathon (48-hour)

- Participated in a 48-hour hackathon focused on rapid problem-solving and MVP development
- Collaborated in a team-based environment under strict time constraints

Stevens Ducks Hackathon (6-hour)

- Built a functional MVP within a 6-hour rapid-development hackathon
- Focused on execution speed, teamwork, and delivering a working prototype

CERTIFICATIONS

CompTIA Security+ (SY0-701)

TryHackMe Pre-Security Certificate

Digital Forensics and Electronic Evidence

EDUCATION

Master of Science in Cybersecurity

Stevens Institute of Technology — Hoboken, NJ

Expected Graduation: May 2026

ACHIEVEMENTS

- National Bronze Medalist — Shotokan Karate (India)
- District-level Badminton Player (India)
- Represented school at International Spell Bee competition (International level)