RIYAZ NAIKODI

CYBERSECURITY | IT SOLUTIONS | PROGRAMMING

White Plains, NY 10607 | Ph: (914) 224-8529 | rnaikodi@mail.yu.edu   in

Passionate Cybersecurity Master's student with a strong background in web development and a comprehensive understanding of information security and network protection. Actively preparing for the CompTIA Security+ certification to deepen my expertise in securing IT infrastructures.

Seeking an opportunity in a dynamic IT environment to apply my analytical mindset, technical skills, and hands-on knowledge while continuously learning and growing in the field. Excited to contribute to a Security Operations Center (SOC) or related cybersecurity roles, ensuring robust protection and proactive threat management for organizational assets.

Driven by a commitment to excellence and innovation, I am eager to tackle challenges, enhance my skillset, and make impactful contributions to the cybersecurity landscape.

Skills

- Programming & Scripting
- Networking & System Administration
- Microsoft Tools
- Communication

- Analytical & Problem-Solving Skills
- Risk Management
- Malware Analysis

- Cloud Security
- Vulnerability Assessment
- Application Security
- Kali Linux & VMWare

EDUCATION

MASTER OF SCIENCE (M.Sc.) IN CYBERSECURITY, MAY 2025:
Yeshiva University, Katz School of Science and Health, New York City, New York
   Relevant Coursework: Cybersecurity Fundamentals, cloud computing, Application Security, Audit Assessment. SOC, Cybercrime, Risk management, Networking.

CERTIFICATIONS & TRAINING
- SOC Hands-On Lab Program, specializing in SOC Management, Incident Response, and Use of Monitoring Tools for Cyber Defense
- CompTIA Security+: Preparing for it.
- ISC2 Certified in Cybersecurity (CC)

WORK EXPERIENCE

HAZTECH INNOVATION, GOA, INDIA, JULY 2022 TO DECEMBER 2022

Cybersecurity Intern – Security Operations Center (SOC):

Using SIEM tools Splunk, network traffic and security alerts were monitored. investigated possible risks such as malware, phishing, and unauthorized access while assisting with incident detection, analysis, and response. To enhance SOC operations, I worked on threat intelligence, generated security reports, and performed log analysis.

Game Development Project – Undergrad (2022)

- Designed and developed an interactive game in Unity featuring a unique combination of 2D characters and a 3D environment.
- Utilized Blender for creating and modeling game assets, ensuring high-quality visual elements.
- Implemented gameplay mechanics and logic using C#, optimizing performance and interactivity.
- Designed UI/UX elements and textures using Photoshop, achieving a polished aesthetic.
- Leveraged Mixamo for creating and integrating character animations, enhancing gameplay realism.
- Demonstrated expertise in game development lifecycle, from concept design to implementation and testing

PROJECTS

Web Attack Surface Management (WASM) Project
Collaborator: Mayur Dusane | Date: November 2024

- Designed a tool to identify, categorize, and manage externally facing web assets, including domains, web applications, APIs, open ports, and web services.
- Provided security teams with an external attacker's perspective, enabling the identification and mitigation of vulnerabilities.
- Enhanced organizational cybersecurity posture by reducing risks associated with exposed web assets.
- Developed architectural and data flow diagrams, proposed future integrations (e.g., fuzzing, Nmap, OAuth, and XSS scanners), and prepared for testing and production deployment.
- Focused on promoting ethical and legal cybersecurity practices, adhering to responsible security frameworks.

RISK ASSESSMENT AND MANAGEMENT PROJECT
GROUP COLLABORATION | CYB5300 RISK MANAGEMENT, YESHIVA UNIVERSITY
- Evaluated network risks (confidentiality, integrity, availability) and proposed security controls.
- Recommended VPNs, MFA, data encryption, backups, and business continuity planning based on cost-benefit analysis.
- Prioritized actions to enhance security while optimizing resources.

CYBERSECURITY FOUNDATION: DESIGNING A SECURITY PROGRAM FOR RAPID SOFTWARE SOLUTIONS, FALL 2023

- Conducted an in-depth analysis of security risks and proposed a comprehensive information security program.
- Focused on critical areas like risk management, IAM, asset security, and secure software development.
- Recommended innovative solutions, including MFA, network segmentation, and regulatory compliance with GDPR and ISO 27001 standards.
- Emphasized alignment with NIST and CIS frameworks to enhance organizational security.

VOLUNTEERISM & EXTRACURRICULAR ACTIVITIES

- Provided leadership to groups project in Leading Tech Class- Fall 2024
- Served as a volunteer with the Red Cross in India
- Multiple Presentations of projects in Leading Tech Class
- Event Coordinator at Higher School

ADDITIONAL INFORMATION

Languages: English, Hindi, Konkani, Marathi, Kannada

Interests: CTF's, Video games, Carrom, Traveling, Cinemas