FNU RAHUL

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EDUCATION

John Jay College of Criminal Justice   **Manhattan, New York**
Bachelor of Science in Computer Science & Information Security   *Sept 2021 - Dec 2023*
- **Relevant Courses:** Operating Systems, Network Security and Forensics, Introduction to Cybercrime, Cryptography and Cryptanalysis, Computer Networking

Queensborough Community College   **Bayside, New York**
Associate in Computer Science & Information Security   *Sept 2019 - June 2021*
- **Relevant Courses:** Linux Fundamentals, Network Security, Cloud Computing

SKILLS

- **Security Tools/Platforms:** QRadar, Splunk, Palo Alto Firewalls, Checkpoint Firewalls, Burp suite, Infoblox, Ivanti Connect Secure, Bluecoat Proxy, Wireshark
- **Automation/Scripting:** PowerShell, Ansible
- **Cloud & Virtualization:** Amazon Web Services (AWS) , Azure Front Door , Virtualization
- **Operation Systems:** Windows, Linux, MacOS
- **Security Concepts:** Firewalls, SIEM, Antivirus, SSL VPN, Site to Site VPN, DNS, Proxy

WORK EXPERIENCE

NYC Office of Innovation and Technology (OTI)   **Brooklyn, New York**
Security Operations Engineer Fellow   *Jan 2024 - Jan 2027*
- Configured and maintained DNS records to ensure accurate domain name resolution for multiple New York City Government Agencies.
- Designed, implemented, and optimized firewall rules to enhance network security while minimizing disruptions for multiple New York city agencies.
- Managed incidents, including real-time response to outages, documenting root cause analysis (RCA) reports and implementing corrective actions to prevent future occurrences.
- Developed robust **PowerShell** and **YAML** scripts, utilizing **Ansible** for orchestration, to interact via API and fetch automated platform health checks from critical security systems like **Palo Alto Panorama** and **Ivanti Connect Secure**. This automation saved approximately **40 minutes per daily health check cycle**, ensuring proactive maintenance and platform stability.

NYC Department of Education (DIIT)   **Brooklyn, New York**
IT Support Specialist Intern   *Sept 2022 - Dec 2023*
- Conducted benchmark testing on various device models (Lenovo, Acer, Apple, Dell, Lexmark) for performance analysis and reported errors to the engineering team.
- Created detailed documentation for each testing process, meticulously recording progress and identifying errors.
- Developed documentation of hardware and software configurations, enhancing organizational efficiency, and future troubleshooting.

PROJECTS

OSINTVault: Personal OSINT Workspace
- Developed a lightweight, browser-based OSINT workspace using plain HTML, CSS, and JavaScript, designed to run fully offline without a backend.
- Tool is designed to collect and organize various OSINT tools, information, and investigation notes in one centralized place.

PROTECT: Cybercrime Reporting Platform
- Led the development of PROTECT, a user-friendly cybercrime reporting website with an emphasis on social change, offering an intuitive platform for easy reporting, and a mission to improve online safety and empower users against cyber threats.

ACCOMPLISHMENTS

AWS Hackathon
Achieved third place in the AWS Hackathon at Queensborough Community College, competing against 30 students in teams of 5. Successfully solved challenges focused on Load Balancing, Security, and Serverless technologies in October 2022.

Cybersecurity Hackathon
Secured first prize in the Cybersecurity Hackathon at John Jay College of Criminal Justice, April 2023, for the innovative cybercrime reporting website "PROTECT".

CERTIFICATIONS

- AWS Certified Solution Architect – Associate

- AWS Certified Cloud Practitioner

- CompTIA Security+
- Palo Alto Firewall: Troubleshooting (EDU-330)
- Palo Alto Firewall Essentials: Configuration and Management (EDU-210)
- Palo Alto Panorama: NGFW Management