HARI SAI NUTHALAPATI

Web Developer | Junior Security Analyst

Email: harisainuth@gmail.com   LinkedIn: linkedin.com/in/Harisai   Mobile: +1 9137099486   Place: United States

EDUCATION

Master of Science in Computer and Information Science
University of Kansas

August 2022 – May 2024

Bachelor of Engineering in Computer Science and Engineering
Anna University

August 2018 – May 2022

TECHNICAL SKILLS

- **Programming & Scripting Languages:** Bash, Java, Python, JavaScript
- **Cloud & Web Technologies:** AWS (EC2, S3, IAM, CloudWatch), HTML, CSS
- **Operating Systems:** Linux, Ubuntu, Kali Linux, Windows
- **Databases:** MSSQL, MongoDB
- **Security Tools:** Burp Suite, Nmap, Metasploit, Splunk, Wireshark, Snort, Qualys, Microsoft Defender (EDR), OWASP Amass
- **Version Control & Development Tools:** GIT, Visual Studio, PyCharm
- **Virtualization & Containerization:** Virtual Machines, Docker
- **Standards & Frameworks:** NIST CSF, ISO 27001
- **Networking:** TCP/IP, DNS, OSI Models, Firewall Configuration, IDPS
- **Security:** Network Security, SIEM, Vulnerability Management, Incident Response, Security Protocols, OWASP Top 10

PROFESSIONAL EXPERIENCE

University of Kansas
Web Developer   August 2022 – May 2023   Lawrence, Kansas
Technologies: Python, HTML5, CSS, JavaScript, KU CMS, Website Maintenance, Front-end Development

- Automated website maintenance by developing Python scripts that reduced manual link validation tasks, improving workflow efficiency.
- Enhanced front-end user experience by building responsive, interactive features with JavaScript, HTML5, and CSS, optimizing page performance across devices.
- Collaborated with Library staff to troubleshoot and resolve website technical issues, ensuring minimal downtime and improving site functionality.
- Documented maintenance procedures and troubleshooting guides, improving team efficiency by 25% in resolving technical issues and streamlining knowledge sharing.

Amara Raja Energy & Mobility Ltd
Junior Security Analyst   April 2021 – May 2022   Tirupati, India
Technologies: Qualys, Python, Splunk SIEM, Microsoft Defender EDR, Confluence, ISO 27001, NIST CSF

- Monitored security events using Splunk (SIEM) and Microsoft Defender (EDR), identifying and mitigating potential security threats, reducing incident response time.
- Analyzed network traffic with Wireshark and Ubuntu to uncover suspicious activity, contributing to the detection and resolution of major vulnerabilities, ensuring system integrity.
- Implemented active security measures and risk assessments using Qualys, enhancing vulnerability management and achieving a 30% improvement in the patch management cycle.
- Cooperated on incident response documentation and reporting via Confluence, reducing incident closure times by 20% by streamlining the incident tracking process.

PROJECTS

Cybersecurity Incident Response System

- Engineered and integrated a security monitoring solution utilizing Python, Snort IDS, and Splunk to analyze network traffic and system logs, boosting incident detection efficiency.
- Streamlined daily report generation through automation, cutting manual review time by 40% and accelerating response to critical alerts, including failed logins and port scans.
- Optimized alert processing by implementing event detection features, enhancing the system's ability to detect anomalous network traffic.

CERTIFICATIONS & ACHIEVEMENTS

- AWS Certified Cloud Practitioner.
- Certified in CompTIA Security+, CompTIA.
- Attained Junior Penetration Tester (eJPTv2) certification, INE Security.
- Served as Teaching Assistant for IST 435: Information Security and BSAN 735: Data Security, University of Kansas.
- Joined University of Kansas Information Security Club.