NIKO RAISANEN

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SUMMARY

Ambitious and analytical Application Security Engineer looking for Security Software Engineering and Application Security roles. Experienced in building, maintaining, and deploying internal security automation tooling written in Python and performing secure code review for Javascript microservices hosted on AWS. Aiming to leverage proven security expertise and software engineering knowledge to deliver high quality and secure code.

EDUCATION

B.S., Computer Information Systems Graduated May 2021
Arizona State University, Tempe, AZ GPA: 3.61 / 4.00

TECHNICAL SKILLS

Certifications: CompTIA Security+, AWS Certified Cloud Practitioner, Google Cloud Digital Leader, Splunk, Scrum
Tools and Applications: Jira, AWS, GCP, Git, Terraform, Jenkins, MongoDB, SQL, VSCode, Burp Suite, Panther, Splunk
Programming: Python, Javascript, Bash, Groovy, Java
Other: Full-stack development, code review, software architecting, penetration testing, OWASP Top 10

PROFESSIONAL EXPERIENCE

FloQast, Scottsdale, AZ: Application Security Engineer 9/2021 – Present

- Lead developer of the internal vulnerability management automation solution used by 100+ developers to swiftly remediate code vulnerabilities. Used Python to process large amounts of data and generate information-rich Jira tickets based on high-impact findings.
- Project owner of the SIEM CI/CD integration between Panther and Jenkins. Used Groovy and Bash to build out pipelines that automate the test and upload of detections into the production environment. The engineering blog post can be found here.
- Project owner of the initiative to re-architect a production service that contains sensitive functionality. Became the SME for this MERN service, performed secure code review, and worked with engineers and the CTO to improve security of the FloQast application.

McKesson, Scottsdale, AZ: Associate Information Security Analyst 5/2021 – 9/2021

- Facilitated remediation efforts for issues relating to risk management and compliance with McKesson standards, as well as HIPAA, PCI DSS, and ISO 27001.
- Analyzed SOC 2 reports to ensure that vendors are compliant with applicable standards and frameworks.
- Performed application security reviews with Rapid7 and Veracode. Assessed risk profile and provided recommendations for remediation or implementation of compensating controls.

Arizona State University, Tempe, AZ: Systems Support Analyst / Help Desk 2/2020 – 5/2021

- Modified Bash and PowerShell scripts used in the deployment of new systems. Set up and managed Windows and Linux servers both remotely and hands-on in server rooms.
- Configured Windows and Linux systems according to the secure baseline established by ASU, including setting up devices in Active Directory within a massive enterprise environment.
- Repaired and troubleshooted different types of systems such as laptops, printers, fax machines, and tablets.

McKesson, Scottsdale, AZ: Cyber Security Analyst Intern - SOC 6/2020 – 8/2020

- Developed automation solutions for the McKesson SOC in the areas of reconnaissance, user enumeration, and generating Splunk searches. Leveraged webhooks and APIs.
- Resolved tickets related to suspicious urls, email forensics, social engineering, vulnerability scanners, and various other alerts. Performed email header analysis, OSINT, and used open-source tools to resolve tickets.
- Shadowed level 3 analysts through security incidents, created documentation, and applied the NIST framework to ensure strong security posture.

Keller Williams Commercial, Tempe, AZ: Information Security and Web Tech Intern 1/2020 – 4/2020

- Performed network analysis, penetration tested web servers, created backups, and performed social engineering projects. Created documentation detailing each process and proposed solutions.
- Discovered a vulnerability that allowed regular users to deface the business website. Promptly patched this issue by implementing security changes through the Joomla content management system.

PROJECTS

Software Projects .

- Python GUI application to automatically sort images by facial recognition using AWS Rekognition.
- NodeJS application that performs sentiment analysis on tweets and yields a sentiment score for the target keyword.
- Source code for the above and more projects can be found on GitHub.