Adithya Rajendran

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WORK EXPERIENCE

Technical Consulting & Research, Inc.   December 2023 – Present
Cybersecurity Analyst Intern   Fremont, CA

- Conducted fit-gap analyses on essential systems and potential product acquisitions
  - Advised on best practices for maintaining a secure and compliant infrastructure
  - Created detailed reports outlining vulnerabilities and recommended remediation strategies
- Applied the MITRE framework to investigate and address incidents
- Prepared comprehensive reports and visualizations to communicate security issues to non-technical stakeholders
  - Participated in regular briefings to update management on the current threat landscape and recommended mitigation strategies
- Investigated security hardening measures and log aggregation on cloud services

RND4IMPACT Inc.   September 2023 – Present
Software Development Intern   San Jose, CA

- Maintained meticulous documentation, encompassing code, methodologies, and outcomes
  - Worked with python frameworks like Django
- Developed, fine-tuned, and implemented Python-based programs and solutions
  - Conducted code reviews to ensure adherence to coding standards and best practices
- Employed Python for algorithm development, model training, and performance validation
  - Gained a solid understanding of machine learning concepts and techniques through practical application
- Executed comprehensive data analysis tasks using tools like pandas

PROJECTS

Django-based Portfolio Website

- Engineered a dynamic portfolio website using Django to showcase projects and professional achievement
- Implemented Django views for the home, contact, projects, and resume pages which update dynamically
- Hosted on cloud platforms with automatic deployment including a preview for development branches
- Integrated secrets for sensitive information like email credentials and PostgreSQL login

Home Lab Setup for IT Exploration

- Hands-on experience with virtualization technologies, including deployment and configuration of VMware ESXi
- Implemented various security measures, including firewalls, intrusion detection systems, and segmentation
- Simulated and analyzed security incidents to enhance incident response skills
- Documented lab configurations, findings, and mitigation strategies, fostering continuous improvement

More projects listed on https://adithya-rajendran.com/projects

EDUCATION

University of California, Santa Cruz   June 2023
Bachelors of Science in Computer Science   Santa Cruz, CA

- Participated in the Slug Security club, to stay connected with the latest industry trends and network with peers

CERTIFICATIONS, SKILLS, INTRESTS

- **Certifications:** CompTIA Security+, AWS Certified Solutions Architect, MTA: Security Fundamentals
- **Skills:** Python, C/C++, PostgreSQL, Docker, AWS, Snort, Linux/Unix, Firewalls, MITRE ATT&CK, NIST
- **Interests:** Darknet Diaries, DEF CON, Home labs, CTFs, HackTheBox, TryHackMe, Machine Learning