





Adithya Rajendran

Cybersecurity Analyst

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CERTIFICATIONS

- Offensive Security Certified Professional (OSCP) Expected March 2024
- AWS Certified Solutions Architect September 2023 - September 2026
- CompTIA Security+ August 2022 - August 2025
- MTA: Security Fundamentals May 2018

SKILLS

Wazuh (SIEM), Active Directory, AWS, Okta Auth0 (IAM), Microsoft Office, MITRE ATT&CK, NIST SP-800, Virtualization (VMware, KVM, Xen), OPNsense (Firewalls), Snort (Intrusion Detection System), Scripting Languages (Python, Bash, PowerShell), Nmap, Linux/Unix, Privilege Escalation, Vulnerability Assessment, Docker, SQL

WORK EXPERIENCE

Technical Consulting & Research, Inc. (TCR)

December 2023 – Present

Cybersecurity Analyst Intern

Fremont, CA

- Addressed 6+ cloud provider compliance issues via fit-gap analysis, improving regulatory adherence
- Leveraged the MITRE ATT&CK framework to refine threat modeling processes, achieving a notable 15% reduction in system vulnerabilities and bolstering security defenses
 - Ensured adherence to best practices for a secure infrastructure, employing security best-practices
- Orchestrated secure authentication and authorization with Okta's Auth0, enhancing user access control
- Delivered detailed security reports and visualizations, significantly raising non-technical stakeholder awareness
 - Enhanced team productivity by leveraging Microsoft Office Suite for data analysis and presentation

RND4IMPACT Inc.

September 2023 – Present

Software Development Intern

San Jose, CA

- Spearheaded the design and implementation of web applications using Django, enhancing system functionality
- Applied dynamic loading for TypeScript components boosting First Contentful Paint (FCP) by 2.4 seconds
 - Conducted thorough testing and fine-tuning to optimize the performance by 15% saving CPU resources
- Implemented rigorous code review and testing protocols using Django's testing framework and TypeScript's type-checking, reducing bugs by 20% and ensuring high-quality code standards
- Harnessed custom caching rules, attaining a 75% cache hit rate, markedly reducing load times

PROJECTS

Home-Lab | Active Directory Lab + Wazuh SIEM

- Configured a comprehensive home lab for IT exploration and learning, focusing on virtualization, Linux/Unix, and DevSecOps practices
- Established a secure Active Directory environment to simulate and document common AD attacks, enhancing understanding of network vulnerabilities and defense strategies. Integrated Wazuh for observability

Cybersecurity Challenge Enthusiast, Top 700 on HackTheBox and Top 10% on TryHackMe

- Demonstrated advanced penetration testing and network security skills through active participation and high rankings in HackTheBox (HTB) and TryHackMe (THM)

More projects are listed on <https://adithya-rajendran.com/#projects>

EDUCATION

University of California, Santa Cruz

Bachelors of Science in Computer Science

Graduated June 2023

Santa Cruz, CA