

Vivekananda Reddy Murugesh

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PROFILE

- Cybersecurity Engineer with 3+ years of experience securing enterprise applications, APIs, cloud, and network environments. Experienced in customer-facing security engagements, vulnerability research, automation, and cross-functional collaboration.
- Seeking Forward Deployed Engineer, Security Engineer, Solutions Engineer, and Application Security roles where I can combine engineering, customer interaction, and problem solving.

EDUCATION

Masters in Cyber Security | Yeshiva University | New York, USA | 08/2023 – 05/2025

Bachelors in Electrical & Electronics Engineering | Siddharth Institute of Engineering | Tirupati, India | 08/2017 – 05/2021

PROFESSIONAL EXPERIENCE

Citta Core Technologies | Cybersecurity Engineer | 06/2026 – Present

Partner with customers to assess security requirements and implement practical security solutions.

Perform web, API, cloud, and infrastructure security assessments and validate remediation.

Automate repetitive security workflows using Python, scripting, and APIs where applicable.

Work with engineering and product teams to troubleshoot production security issues and deliver technical recommendations.

Communicate findings directly with stakeholders and translate technical risks into business impact.

Galaxy i Technologies | Cybersecurity Analyst | 2025 – 2026

- Perform penetration testing and security assessments in alignment with industry standards and client requirements.
- Utilize security tools such as Nessus, Nmap, Metasploit, Burp Suite, and others to identify vulnerabilities and assess system security.
- Apply knowledge of TCP/IP protocols and the OSI model in network and system evaluations.
- Follow established security testing methodologies to conduct IT Health Checks and penetration tests.
- Conduct detailed assessments of web applications, cloud configurations, APIs, internal and external networks, thick and thin client environments.
- Collaborate with clients to understand their specific security needs and tailor testing approaches accordingly.
- Employ ethical hacking techniques to simulate real-world attacks and uncover potential weaknesses.
- Document and report findings, including risk levels and actionable remediation recommendations.
- Stay up to date with evolving cybersecurity threats, tools, and best practices to enhance testing effectiveness.
- Work closely with internal teams and clients to ensure comprehensive security analysis and improvement.

Capgemini | Cyber Security Analyst / Penetration Tester | 2021 – 2023 | Bangalore, India

- Experience in penetration testing teams for the delivery of penetration testing services.
- Demonstrable experience of the use of penetration tools such as Nessus, Nmap, Metasploit, BurpSuite etc.
- Knowledge of the set of TCP/IP protocols and OSI model.
- Ability to follow security testing methodologies developed by the security testing practice in performing and reporting on IT Health Checks and penetration tests.
- Exposure to web application testing, cloud configuration reviews, thick client & thin client testing, external and internal network testing & API testing.
- Conduct detailed penetration testing analysis of various systems, networks, and applications.
- Collaborate with the client to identify their specific security requirements and customize testing approaches accordingly.
- Utilize ethical hacking techniques to identify and exploit vulnerabilities in the client environment.
- Prepare thorough and actionable reports of findings, risk assessments, and remediation recommendations.
- Skills

Programming & Automation: Python, Bash, REST APIs, Git, Linux

Security: Burp Suite Pro, Nessus, Nmap, Metasploit, DAST, SAST, API Security, OWASP Top 10, Cloud Security

FDE: Customer-facing communication, Technical troubleshooting, Solution design, Cross-functional collaboration, Documentation

Penetration Testing on an Existing Website & Secure Coding Suggestions – Inhouse Banking Application | 10/2024 – 12/2024

SKILLS

- Web Application Security Testing: Burp Suite Pro, DAST, Web app pentesting (Black Box & Grey Box), OWASP Top 10
- Network Pentesting: Nessus Professional, Qualys, Black Box Network assessments
- API Security, Vulnerability Assessments & Vulnerability Management: Postman, Fiddler, Qualys & Archer Tool

COURSES

- CEH – Certified Ethical Hacker | 09/2021 – 12/2021
- API Security Testing Course | 07/2021 – 11/2021

INTERESTS

Attending Cyber Security Conferences, Reading Blog posts and Write-ups on Vulnerabilities