

# MANISH KUMAR KADAMBALA

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## APPLICATION SECURITY ENGINEER

Application Security professional with 4+ years of experience in web application security, API security, vulnerability management, Secure SDLC, and DevSecOps integration across enterprise environments. Experienced in securing 300+ web applications and enterprise APIs and managing vulnerability assessments across 4,000+ enterprise assets using Qualys WAS/VMDR and Veracode SAST/DAST.

Skilled in OWASP Top 10 methodologies, vulnerability triage, CVSS-based risk prioritization, remediation governance, and developer-focused security initiatives. Strong experience collaborating with development, DevOps, cloud, and architecture teams to improve secure development practices, automate security scanning, and accelerate vulnerability remediation.

## TECHNICAL SKILLS

|                          |                                                                                                                  |
|--------------------------|------------------------------------------------------------------------------------------------------------------|
| Application Security     | OWASP Top 10, API Security, Secure SDLC, SAST, DAST, Web Application Security, Review tool findings              |
| DevSecOps & CI/CD        | GitHub, Azure DevOps, CI/CD Security Integration, Security Automation, IDE Security Plugins, Shift-Left Security |
| Vulnerability Management | Vulnerability Assessment, Vulnerability Lifecycle Management, CVSS Prioritization, Vulnerability Triage          |
| Security Tools           | Qualys VMDR, Qualys WAS, Veracode, Axonius, ServiceNow, Symantec SEP/EDR/DLP                                     |
| Technical                | Linux, HTTP/HTTPS, TCP/IP, DNS, Python Scripting, PowerShell                                                     |

## PROFESSIONAL EXPERIENCE

### Application Security Engineer | IBM | Nov 2022 – Present

- Lead application security and vulnerability management activities across 300+ web applications, enterprise APIs, and 4,000+ enterprise assets using Qualys WAS/VMDR and Veracode SAST/DAST.
- Built and established the vulnerability management process from scratch as SME, improving remediation compliance from 40% to 70%.
- Conduct weekly web application and API security scans along with daily infrastructure vulnerability assessments to support continuous security monitoring and proactive risk reduction.
- Perform CVSS-based vulnerability triage and risk prioritization across multiple business units, supporting remediation of critical and high-risk security findings.
- Review and validate application security findings including SQL Injection and critical Remote Code Execution (RCE) vulnerabilities, escalating high-risk issues to business unit leadership for immediate remediation.
- Collaborate with 10–15 development teams and third-party vendors to remediate application security vulnerabilities and improve secure development practices aligned with OWASP Top 10 methodologies.
- Reduced remediation timelines for critical vulnerabilities through governance-driven escalation processes, enabling high-priority fixes within 48 hours.
- Conduct monthly remediation governance reviews with development, DevOps, infrastructure, SOC, cloud, and architecture teams before production go-live activities.
- Supported secure application review and security validation activities during project onboarding and pre-production deployment phases.
- Supported DevSecOps initiatives by enabling automated vulnerability scanning through GitHub and Azure DevOps CI/CD pipelines.
- Worked with DevOps and Veracode teams to implement reusable security workflows and IDE security plugins, improving early vulnerability detection during development.

- Led Qualys and Axonius integration initiatives to strengthen enterprise asset inventory visibility and centralized exposure management.

**Security Consultant** | IBM | Feb 2022 – Sep 2022

- Supported enterprise endpoint security operations using Symantec SEP, Symantec EDR, Symantec DCS, and Symantec DLP solutions.
- Assisted with incident management, compliance activities, and operational security support using ServiceNow.

## PROJECTS

### **AI-Assisted Application Security Reconnaissance Platform**

Building an AI-assisted application security reconnaissance and reporting platform focused on automating security research workflows for bug bounty and application security assessments. Implementing AI-driven reconnaissance, vulnerability analysis, and automated report generation capabilities to improve security assessment efficiency.

## CERTIFICATIONS

- CompTIA Security+ ce
- Microsoft Azure Security Engineer Associate
- EC-Council Certified Threat Intelligence Analyst (CTIA)
- Qualys Vulnerability Management and Web Application Scanning
- IBM Certified Cloud Advocate v2

## EDUCATION

### **Master of Computer Applications (MCA)**

Chaitanya Bharati Institute of Technology | 2018 – 2021 | CGPA: 6.99