

RUBEN ABRAHAM SHIBU

APPLICATION SECURITY ENGINEER | DEVSECOPS | VAPT | SECURE SDLC

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PROFESSIONAL SUMMARY

Cybersecurity professional and Certified Ethical Hacker (CEH v11) with 4+ years of experience in application security, offensive security, Secure SDLC, DevSecOps, vulnerability management, and enterprise consulting. Hands-on expertise in web, Android mobile, REST/SOAP API, and network assessments; SAST, IAST, SCA, secure code review, threat modeling, and remediation across Java, Python, JavaScript, TypeScript, C#, C++, and C. Experienced in securing CI/CD workflows with Checkmarx, Checkmarx One, Seeker, and Black Duck, with working knowledge of Azure security, cloud configuration review, IAM/RBAC, PII protection, ISO 27001, GDPR, and DPDP.

CORE COMPETENCIES

Application & API Security: Web and Android application testing, REST/SOAP API security, OWASP Top 10, authentication and authorization testing, secure code review, threat modeling

DevSecOps & Secure SDLC: CI/CD security, SecOps, SAST, IAST, SCA, vulnerability triage, remediation validation, secure coding guidance, Remediation

VAPT & Security Testing: Burp Suite, OWASP ZAP, MobSF, Nmap, Nessus, Kali Linux, network penetration testing, vulnerability assessment

Governance, Privacy & Risk: ISO 27001, GDPR, DPDP, risk assessment, incident response, data protection principles

AI Security: LLM security awareness, responsible AI usage, AI-assisted penetration testing

PROFESSIONAL EXPERIENCE

Offensive Security Services, Consultant | *Ultraviolet Cyber* | *Bangalore, India* Oct 2025 - Present

- Lead end-to-end web application, Android mobile application, internal/external network, and REST/SOAP API penetration tests using Burp Suite, OWASP ZAP, MobSF, Nmap, Nessus, and established security testing methodologies.
- Assess authentication and authorization controls, insecure data storage, insecure communications, input validation, business-logic flaws, and sensitive-data exposure; document reproducible evidence and risk-based remediation guidance.
- Perform manual and tool-assisted secure code review, SAST, and IAST across Java, Python, JavaScript, TypeScript, C#, C++, and C using Checkmarx and Seeker.
- Embed security into Secure SDLC and CI/CD workflows by triaging automated findings, collaborating with engineering teams, validating fixes, and supporting closure of security issues.
- Deliver Software Composition Analysis using Black Duck and Checkmarx One to identify vulnerable open-source components and license-compliance risks.
- Advise enterprise clients on threat modeling, secure coding, vulnerability prioritization, and continuous security improvement while supporting cloud configuration review and Azure security capability development.

Cyber Security Consultant | *Black Duck* | *Bangalore, India* Oct 2024 - Oct 2025

- Delivered Professional and Managed Security Services for enterprise customers, coordinating assessment execution, technical reporting, remediation support, and retesting across multiple application environments.
- Integrated SAST, IAST, and SCA into SecOps and CI/CD workflows using Checkmarx, Checkmarx One, Seeker, and Black Duck, helping development teams identify and remediate security issues earlier in the lifecycle.
- Conducted web, mobile, API, and network penetration tests with emphasis on OWASP Top 10 risks, access-control weaknesses, insecure configurations, and data-exposure scenarios.
- Performed secure code review across Java, Python, JavaScript, TypeScript, C#, C++, and C, translating technical findings into practical developer remediation guidance.
- Supported vulnerability-management activities including severity validation, root-cause discussions, risk prioritization, remediation tracking, and closure verification.
- Contributed to emerging cloud security and cloud configuration review offerings while advising clients on secure coding and threat-modeling practices.

Cyber Security Consultant | Synopsys | Bangalore, India

Jul 2022 - Oct 2024

- Executed web application and internal/external network penetration testing using Burp Suite and industry-standard testing methodologies.
- Performed SAST and secure code review across Java, Python, JavaScript, TypeScript, C#, C++, and C using Checkmarx and manual analysis techniques.
- Conducted IAST using Seeker and Software Composition Analysis using Black Duck and Checkmarx One to identify runtime vulnerabilities, vulnerable dependencies, and open-source license risks.
- Prepared clear security reports containing evidence, business impact, severity, remediation recommendations, and verification results for technical and non-technical stakeholders.
- Collaborated with development and security teams to resolve findings and strengthen security controls throughout the software development lifecycle.
- Contributed to Professional and Managed Security Services engagements, building a strong foundation in vulnerability assessment, remediation support, and client-facing security delivery.

TECHNICAL SKILLS

Security Testing: Application Security, Mobile Application Security, API Security, Network Penetration Testing, VAPT, DAST, SAST, IAST, SCA, Secure Code Review, AI Assisted, LLM

Security Tools: Burp Suite, OWASP ZAP, MobSF, Checkmarx, Checkmarx One, Seeker, Black Duck, Nmap, Nessus, Kali Linux

Programming / Review Languages: Python, Java, JavaScript, TypeScript, C#, C++, C

Security Practices: OWASP Top 10, Secure SDLC, DevSecOps, SecOps, vulnerability remediation, threat modeling, risk assessment, incident response

EDUCATION & CERTIFICATION

Master of Technology in Software Systems | BITS Pilani | India

Expected 2028

Work Integrated Learning Programme | Specialization: Cyber Security | Relevant coursework: Artificial Intelligence, Cloud Computing, Cloud Security, Secure Software Systems, Advanced Cybersecurity, ISO 27001, Compliance

Bachelor of Technology in Computer Science | APJ Abdul Kalam Technological

Jul 2022

University | Kerala, India

CGPA: 7.29/10

Certification: Certified Ethical Hacker (CEH) v11

LEADERSHIP & VOLUNTEERING

- Chair, IEEE Future Networks Technical Community, Kerala Section | Jun 2025 - Present
- Treasurer, IEEE Communications Society (ComSoc), Kerala Chapter | Jan 2023 - Present
- Student Cadet, Kerala Police Cyberdome | 2019 - Present
- Volunteer, Next Guard Cyber Security Social Service Awareness Community