

SUDHANSHU JHA

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Dear Hiring Manager,

I am writing to express my interest in the Penetration Tester/ Security & Privacy Engineer/ Consultant position. I believe that I would be a great fit for this position as I have extensive experience in the field of penetration testing, and security assessment. and Privacy operations.

I have been working with Hewlett Packard Enterprise (HPE) for around 4.8 years, and most of my experience is in the field of information security. I have worked on many projects ranging from small business security assessments to enterprise-level network security assessments. I have also worked on several penetration testing engagements, including vulnerability assessments, source code reviews, and wireless assessments.

My professional experience spans roles as a Penetration Tester, Security Analyst, and Compliance Auditor. I specialize in conducting vulnerability assessments, penetration testing, and security evaluations encompassing both Dynamic and Static application security assessments, along with IoT and Firmware penetration testing. Additionally, I excel in Threat Modelling and Privacy and Compliance audits, navigating prominent regulations like GDPR, CCPA, and PCI DSS. Proficient in Stakeholder communication and Escalation management, I am adept at utilizing a range of security tools including Burp Suite, HCL AppScan, Fortify, SonarQube, CodeQL, Nessus, Metasploit, Wireshark, Netcat, among others.

I am confident that my skills and experience will make me an asset to your organization.

Thank you for your time. I look forward to hearing from you soon.

Sincerely,

Sudhanshu Jha

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Cybersecurity Consultant



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Experienced and highly skilled cybersecurity specialist with a comprehensive background in security assessments, including VAPT, DAST, SAST, Threat analysis, IOT VAPT, Threat Modeling Cloud Security, and Reverse Engineering. Recently expanded expertise to include Privacy Consultancy, excelling in privacy assessments, PIA, DPIA, and cookie compliance audits. Well-versed in compliance standards such as GDPR, PCI DSS, CCPA, and ISO/IEC 27001. Proven track record of helping organizations build and migrate solutions for enhanced digital trust.

I am well-known for my straightforward and collaborative approach to project accomplishment. Currently, I am looking for better opportunities with a different perspective, as well as learning and exploring new establishments in cybersecurity with security firms and agencies, and I am ready to hit the ground running.

EXPERIENCE

Hewlett Packard Enterprise | October 2024 - Present (~ 7 Months)

Senior Security Engineer | Oct 24- Present

- Led end-to-end product security assessments (MPT, DAST, SAST) for an enterprise ITOM solution using Agile methodologies, driving secure SDLC adoption across sprints and accelerating remediation timelines by 30%.
- Streamlined API security and implemented threat modeling frameworks, championing a shift-left approach that improved vulnerability detection in early development stages and reduced production defects by 40%.
- Contributed to Kubernetes and container image security, initiating validation processes and strengthening DevSecOps practices across the CI/CD pipeline.
- Engaged directly with VP and AVP leadership, delivering strategic security presentations that influenced R&D initiatives and supported successful business expansion and sales enablement efforts.
- Promoted to Security Team Lead for consistently delivering multi-project security outcomes; recognized for enhancing infrastructure security posture and fostering cross-functional collaboration.

HCL Technologies Ltd. | September 20 - October 24 (~4 Years)

Senior Security Engineer | Sept 20- Oct 24

- Performed penetration testing on security infrastructure and vulnerability assessments of database servers.
- Performed DAST and SAST of web applications using Burp Suite, HCL AppScan, Fortify, SonarQube, CodeQL, etc. for potential vulnerabilities that may result from improper system configuration, hardware, or software flaws, or operational as per industry standards and manuals from OWASP.
- Performed vulnerability assessment and penetration testing on several applications' APIs for security flaws using Postman and Burp Suite.
- Conducted comprehensive reverse engineering for mobile apps, using tools like IDA Pro and Ghidra to identify vulnerabilities and enhance security.
- Investigated a data leak using Encase and Autopsy, successfully extracting evidence for legal proceedings against an internal stakeholder.
- Gained the required understanding to perform ISO 27001 as a lead auditor.
- Effectively communicate with technical and non-technical personnel before, during, and after engagement.
- Build a good grasp on compliance audits like GDPR, PCI DSS, APPI Japan, CCPA, and cookie compliance audits.
- Performed VAPT on mobile applications and IoT devices as per industry standards and manuals from the OWASP Top 10.

ACHIEVEMENTS

- Created multiple in-house tools following successful ideation processes, including a functional AI-powered Vulnerability Scanner and Project Management Tool. Developed a Sentiment Analyzer, an AI-powered tool specifically designed for Microsoft. Additionally, crafted an AI-powered reporting tool to assist the team in streamlined and efficient reporting tasks.

SKILLS

- Penetration Testing (VAPT)
- Privacy Assessment
- DAST, IAST, SAST
- Code Analysis & Review
- Threat Modeling (STRIDE | PASTA)
- API Security Testing
- IoT Device Security Testing
- K8S security and Image validation
- Android Application Security Testing
- Firmware Security Analysis
- GDPR, CCPA & CPRA, PCI DSS
- Cookie Compliance audit
- Cloud Security
- Reverse Engineering
- ISO 27001 Audits
- RFP and Client Proposal management
- BurpSuite, Postman & SoapUI
- OWASP ZAP
- SonarQube, Microfocus Fortify
- Python & OpenAI
- Responsible AI Audit
- Stakeholder Communication

EDUCATION

University of Mysore | 2025 | Part-Time

Masters in Computer Applications

Amity University | 2024 | Part-Time

Bachelor in Computer Applications

Indira Gandhi national open university|
2022 | Part-Time

Bachelor in Arts (Economics)

CERTIFICATIONS

Microsoft Certified: Azure Security
Engineer Associate (AZ-500)

Microsoft Certified Security,
Compliance, and Identity
Fundamentals (SC 900)

Microsoft Certified: Azure AI
Engineer Associate (AI-102)

OneTrust & Securiti Certified
Privacy Professional