SUBHAM KUMAR MISHRA

Product Security Specialist
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Product Security Specialist with 5.5 years of diversified experience and profound knowledge in the major areas of information security including Consulting, Application Security, Penetration Testing, Code Review, Secure Operations and Cloud Security (Container, Kubernetes). Experience in integrating security into CI/CD pipelines and Advising SDOL practices for products including Third-Party software management & Data Privacy Protection review.

COMPETENCY MATRIX

- Web Application Security & Mobile Application Security
- Penetration Testing & Vulnerability Assessment
- Secure Code Review
- Secure SDOL Management Gap Analysis
- Cloud Security (Container, Kubernetes)
- Third-Party Software management (OSS)
- Data Privacy Protection
- Access Management
- Team Management

TECHNOLOGY STACK

- **Cloud** - AWS (EC2, S3, RDS, EKS), SAP BTP, Gardener
- **Scripting** – jQuery, JavaScript, Python (Basic)
- **Language –** Java, PHP, SQL
- **Enterprise Integration –** API services, OData, GRAPHQL, MQ
- **OS usage –** Windows, Linux

SECURITY TOOL

- Burp suite, Fiddler
- Kali Linux
- Tenable, OpenVAS

- SAST scanner (Checkmarks, Fortify, ATC)
- OSS scanner (Black duck, White source)
- Acunetix, MOBSF
- Postman, SOAPUI

EXPERINCE

Product Security Specialist
SAP Labs India, Bangalore
Oct 2020 – Present (1 year 7 months +)

- Evaluated Secure Software Development & Operation life cycle across SAP Global products to assist various stakeholders
- Reviewed Threat Modelling, design requirement and defense in depth strategy for products
- Ensured Resiliency (BCP, DRP, HA) for the global products
- Verified logging & monitoring and breach notification strategy for products
- Ensured Architecture Concept Document, User/Customer Document and Security Document for products
- Implemented Security into CI CD process, while ensuring multiple global teams follow security standard
- Ensured SAST/DAST scanner on pipelines and evaluated Third-party software risk on SAAS products
- Executed periodic penetration testing, source code reviews, Application Security Testing (web, API, mobile, thick client) for on-premise and on-demand delivery
- Worked on ABAP kernel to ensure security of RFC enabled functions
- Assessed Third-Party software usage on products and Evaluated security posture of container, Kubernetes and cloud platform
- Validated and helped implementing Data Privacy Protection requirements across products
- Involved in patch & Vulnerability management & validated Security Notes reported from internal & external parties
- Worked on kernel note for ICM and SAP NetWeaver
- Evaluated on Partner Qualification of acquired products
- Conducted and presented on cyber security program for developers training

Information Security Consultant
SecurEyes Techo Services Pvt. Ltd., Bangalore
Nov 2016 – Sep 2020 (3 year 11 months)

- Worked on Comprehensive security review involving Web Application, Mobile Application, Process Audit, API audit, database review, Source code review, Logs review activities to discover risks and suggesting mitigation for one of the largest government sector banks
- Managed team of consultants on client facing projects to ensure quality delivery

- Conducted on onsite Penetration Testing, Mobile Application Audit and Risk Assessment Projects at Riyadh, Saudi Arabia with reputed Banks in Saudi Arabia Region with Largest Corporate and retails customer base
- Worked on Penetration Testing project at National IT center of Govt of India, Delhi at live environment to discover risk, suggesting mitigation and preparing and final submission of reports
- Collaborated with Internal Audit Department for a private sector bank to perform process audits, Log analysis and access management review
- Involved in developing web application and database designing with underlying technology JAVA in backend and HTML/CSS in front end for organization need and training purposes

EDUCATION

Gandhi Institute for Technological Advancement, Bhubaneswar
B. TECH in Electrical & Electronics Engineering
2011-2015

Jupiter +2 Science College, Bhubaneswar
2009-2011

LICENSE & CERTFICATIONS

Certified Ethical Hacker (CEH V.10)

ISO/IEC 27001:2013 Lead Auditor - Exemplar Global, Inc.

Qualys PCI Compliance Certified Specialist – Qualys

AWS Security Fundamentals - Amazon Web Services (AWS)

Serialize Badge – PentesterLab

Foundations of Operationalizing MITRE ATT&CK - AttackIQ

DECLARATION

I do hereby declare that, the information stated above in true to the best of my knowledge and belief.

Date: Signature: