Sakshi Markandey

Lead Application Security Engineer

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9406860677

Pune, India

Experienced in Information Security with a strong background in safeguarding digital assets, detecting vulnerabilities, and implementing robust cybersecurity measures. Proficient in Web/Client Testing threat analysis, risk management, and incident response to ensure the integrity and confidentiality of sensitive information.

WORK EXPERIENCE

Lead Application Security Engineer
Volkswagen Group Technology Solutions India.

11/2021 - Present   *Pune*

Achievements/Tasks

- In Wolfsburg/Hannover, Germany, engaged in on-site Project Management, working closely with service owners to optimize, streamline the processes used for IT security checks. It included aligning security protocols with industry standards, improving communication between teams, and implementing more efficient workflows.
- Conducting IT security tests on a variety of applications installed on VW Group clients' machines and assisting the application team in resolving issues through the use of technology-specific built-in security features.
- Develop technical solutions and new security tools to help mitigate security vulnerabilities and automate repeatable tasks.
- Conducting quality assurance validation checks on team member's applications prior to client delivery & communicate technical vulnerabilities and remediation steps to developers and management.
- Work with application developers to validate, assess, understand root cause and mitigate vulnerabilities.
- Conducting thorough penetration testing of web applications, APIs (blackbox and whitebox), mobile applications, and network infrastructure.
- Developing internal security tools to streamline processes and enhance the effectiveness of cybersecurity measures.
- Assessing cybersecurity risks across various platforms and recommending proactive measures to mitigate potential threats.
- Develop security standards, policies, automation scripts.
- Performing comprehensive security audits, including forensic analysis, to identify vulnerabilities and generate detailed reports.

Application Packager
HSBC Technology India.

11/2018 - 11/2021   *Pune*

Achievements/Tasks

- Consistently delivering quality products in compliance with all policies including Cyber security & Nessus Scan in agreed timeframe.
- Interaction with the clients to resolve the problems, discuss the requirements and issues.
- Performing Quality assurance validation check for team member's packages before delivering it to Client.
- Have worked on windows installer transforms, repackaging, patches installation, silent installations for drivers, SAS applications etc.
- Create and Update Documentation of Package release notes & maintaining knowledge base of issues & workarounds.
- Customizing application packages to customer's requirement.

Embedded Firmware Engineer
Mishi Solutions, Pune & Electronet Equipment's, Pvt. Ltd.

11/2016 - 06/2018   *Pune*

Achievements/Tasks

- Worked on Project Ultra Sonic Flow Meter which is based on measuring the velocity of a fluid with the Ultrasound to calculate volume flow.
- Worked on enhancing Home Automation Device

SKILLS

Security Testing   Risk Assessment

Penetration Tester   CurrPorts

Process Monitor   AutoRuns

Vulnerability Management   Firewalls

OWASP Top 10   N/W Security

WireShark   CVE Analysis   CyberArk

Compliance Reporting   Nessus

Threat Modeling and Risk Assessment

PowerShell   Network Buddy Tool

CVE Bin Tool

Vulnerability Component Highlighter

Document Validator

ACHIVEMENTS

Germany Onsite Project Debutant Award. Received Pat on the back awards..

Received AOB from clients, Colleagues & Managers as a token of appreciation.

Recipient of Thank You Awards for delivering Emergency packaging requests during Weekend.

EDUCATION : CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING

CERTIFICATIONS

CompTIA Security+ (Pursuing)

Certified in Cybersecurity