Manjunath Sagar
Senior Software Engineer

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Certified Ethical Hacker having 8+ years' experience on the information security projects in various domain such as Retail and Banking along with strong understanding of SDLC.

Technical Skills

Platform	Kali Linux, Windows, CentOS, Redhat, IBM AIX, OEL
Cloud	AWS, Google Cloud, Oracle Cloud
Coding	Python, Java, HTML, CSS, Javascript, php, C#, ASP.Net, WPF
Database	Oracle, MS SQL, MySQL, Postgres, Cassandra, MongoDB
Discovery	Nmap, hping3, Wireshark
Enumeration	Enum4linux, smbclient
Scanner	Burpsuite Pro, Qualys, Nessus
Exploitation	Metasploit, SQLMap
IT Skills	MS Office (Word, Excel, PowerPoint), Visio

Skill Summary

- Solid understanding of networking concepts including TCP/IP, OSI Model, HTTP, TLS, DNS, SSL, DDoS detection/prevention, network, and host anomaly detection.
- Experience with application security tools including SAST and DAST vulnerability scanning using tools such as Burp Suite, Checkmarx, along with performing manual penetration tests.
- Knowledge of OWASP top-10 and a deep understanding of web application and cloud application vulnerabilities.
- Know and recognize common vulnerability types such as SQL/command injection, XSS, CSRF, and SSRF
- Scanning and enumeration using enum4linux, smbclient and nmap tools
- Knowledge on Heartbleed, ShellShock and POODLE
- Performs routine vulnerability scans against specified systems, analyse the results, and works with business units to remediate systems.

Work Experience

Oracle India

Senior Software Engineer
November - 2017 to Present.

- Understand the customer's business need and guide them to a solution using various products in Oracle Cloud Infrastructure – OCI, Cloud Security, Oracle GoldenGate Marketplace, Database Security, Cloud security including encryption, auditing, access controls, masking sensitive data etc.
- Perform penetration testing to check for potential vulnerabilities such SQL Injection, Cross-site scripting, CSRF etc, using Burp Suite and other scanning tools.
- Worked on Oracle transparent data encryption to mask sensitive data. Review and action on our public facing documents to check there is no personal / sensitive information revealed.

- Implement and handle secure data transfer from one system to another and make sure that best in class security is applied in the process i.e., make sure the transaction as PCI DSS compliant

Tesco Bengaluru
Senior Database Administrator
November - 2013 to October - 2017

- Implemented fix for Poodle vulnerability and patching of all the critical systems with latest security fixes for the Oracle products to reduce exposure to the potential system vulnerabilities.
- Integrate identity and access management (IAM) using active directory for authentication and framing access governance policy. Grant and revoke privileges during onboarding and relieving. Ensure smooth working of the application by providing the least privileges to the app users.
- Configuration and management of auditing of database in compliance with organization's security policy. Anomaly detection for suspicious activity in the database and seek clarification.
- Supporting auditing of our systems in compliance with security policy by third party audit firms
- Bringing data to life by making it actionable and relevant to stakeholders through exploratory analysis of various data sources using advanced analytical techniques, algorithms, and tools
- Architecting, planning, designing, developing, deploying, and supporting critical infrastructure to ensure high availability and data protection for critical systems using various ASM configuration.
- Enforce strong data loss prevention mechanism by configuration and management of backups for the database as well as the operating systems. Ensure valid backups are available all the time.
- Architecting and implementing the Disaster Recovery for the critical systems in case of any kind of disruptions, also make sure the critical systems resume quickly. Regular Disaster Recovery drill caried out in order to check for the operational readiness for our DR systems.

Canarys Automations
Senior Software Engineer
March - 2012 to October - 2013

- Developed asset tracking application using WPF framework for Hospitality use case. Make sure secure coding practices are followed and prevent malicious code from accessing information.
- Developed WPF Application for customizing the EPR product by making use of entity framework.
- Implement SharePoint 2010 for organization to share and manage content, knowledge, and applications to empower teamwork as well as seamlessly collaborate across the organization.
- Developed application for HRMS systems involving various modules i.e., Appraisal, leave approvals and built-in ticketing tool for conference room booking, IT management etc. Extensively used OOPS concepts such as Abstraction, Encapsulation, Inheritance, Polymorphism

Education
Bachelor of Engineering in Computer Science Engineering
Visvesvaraya Technological University – July 2011

Certifications
- Certified Ethical Hacker
- Certified Blockchain Architect
- Certified Corda Developer
- Oracle Cloud Infrastructure 2019 Certified Architect Professional

- Oracle Autonomous Database Cloud 2019 Certified Specialist
- Oracle Cloud Infrastructure Foundations 2020 Certified Associate
- Oracle Cloud Infrastructure Developer 2020 Certified Associate
- Oracle Cloud Infrastructure 2019 Certified Architect Associate

References

LinkedIn Profile	https://www.linkedin.com/in/manjunath-sagar-363a4739/
Certifications cclaim Profile	https://www.youracclaim.com/users/manjunath-sagar

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