Manam Bharadwaj

Cybersecurity Professional

Dynamic and experienced professional with a background in Software quality engineering management and extensive expertise in network security, cyber security, incident response, and digital forensics. Seeking a challenging role in Security Analyst, Cloud Security Engineer, and DevSecOps, related positions where I can leverage skills in secure software engineering, cloud security architecture, and threat hunting to contribute effectively towards organizational security goals.

Education

2023-12

Master of Technology: Software Systems With Specialization in Security

Birla Institute of Technology & Science - Pilani, Rajasthan(WILP)

- Final Grade: ***9.65***

2014-06

Bachelor of Technology: Electronics And Communications Engineering

Vemana Institute of Technology - Bengaluru

- Graduation with Distinction
- Final Grade: 75%

Work History

2018-06 - Current

BIOVIA Engineering Manager

Dassault Systemes, Bengaluru

- Architected cloud security solutions, including implementation for threat detection and response.
- Implemented and managed cloud security services, ensuring compliance with industry standards.
- OCI Security Implementation (IAM, Cloud Guard, IDCS)
- Conducted vulnerability assessments, penetration testing, and configuration reviews for various systems.
- Developed analytics rules, incidents, playbooks, and workbooks for effective threat hunting.

Contact

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TryHackme Profile:
https://tryhackme.com/p/ManIAM

GitHub Profile:
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LinkedIn:
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Skills

Cloud Security

Cyber Security

Incident Response and Digital Forensics

Cloud Computing

- Conducted threat modeling and provided technical assistance for installation and setup of VAPT tools and infrastructure.
- Conducted IOT device security testing and API security testing.
- Led a team of quality engineers in implementing and managing test automation frameworks.
- Transformation of enterprise edition applications to cloud services and Continuous Testing approach.
- Developed and maintained comprehensive quality documentation, ensuring compliance with industry standards and regulations.
- Developed and maintained the overall architecture security framework, ensuring alignment with industry standards and best practices.
- Ensured scalability and resilience of the architecture to accommodate evolving business needs and emerging security challenges.
- Collaborated closely with cross-functional teams to integrate security requirements seamlessly into designs and ongoing projects, fostering a culture of security by design.
- Facilitated technical and business discussions to steer future state initiatives across teams and product lines, publishing comprehensive roadmaps for strategic alignment.
- Spearheaded the development of security-related documentation, including policies, procedures, and leading practices, to ensure compliance and enhance organizational security posture.
- Conducted regular security audits and vulnerability assessments of the infrastructure, proactively identifying and mitigating potential security risks to safeguard critical assets.
- Led the research and evaluation of emerging technologies, threats, and industry trends, providing valuable insights to inform project development and operational support activities.
- Cultivated peer relationships and promoted best practice sharing across functions and business units, maximizing team effectiveness and collaboration.
- Maintained technical leadership within the organization, staying abreast of industry technology

Ethical Hacking

Secure Software Engineering

Enterprise Security

IoT Security

Software Architectures and Data Structures

Database Systems

DevSecOps practices

Security tools such as Nessus, Burp suite, and KALI Linux

Vulnerability Assessment & Penetration Testing

Source Code Review SAST, DAST

OWASP Top10

Automation Testing

API Testing

Forensic Tools: Cellebrite, FTK

advancements and trends to drive continuous improvement in security practices.
- Leveraged influence across functions and business units to facilitate effective decision-making and drive alignment with security objectives.
- Evaluated and selected security vendors, tools, and technologies to support the architecture security roadmap, ensuring optimal protection and value for the organization.

2014-10 - 2018-06

Senior Software Engineer

Accenture, Bengaluru/Chennai

- Developed and implemented automated test scripts using industry-standard tools such as Selenium, Silktest, and JUnit, ensuring comprehensive test coverage across various web and windows applications.
- Conducted thorough security testing to identify vulnerabilities and weaknesses in software systems, utilizing techniques such as penetration testing, vulnerability scanning, and code analysis.
- Collaborated with cross-functional teams to integrate security testing seamlessly into the software development lifecycle (SDLC), promoting a security-first mindset among developers and stakeholders.
- Acted as a subject matter expert (SME) in security testing methodologies and tools, providing guidance and mentorship to colleagues to enhance their understanding of cybersecurity principles and best practices.
- Demonstrated a keen interest in penetration testing and cybersecurity, proactively seeking opportunities to expand knowledge and skills in these areas through self-study, online courses, and participation in industry conferences and events.
- Developed and presented detailed reports on security findings and recommendations to stakeholders, including executive management, enabling informed decision-making and prioritization of remediation efforts.
- Contributed to the development and implementation of security policies, procedures,

and guidelines, ensuring compliance with regulatory requirements and industry standards such as ISO 27001 and OWASP.
- Participated in incident response activities, including root cause analysis and post-mortem reviews, to identify lessons learned and strengthen the organization's security posture against future threats.
- Collaborated with third-party security vendors and consultants to perform independent security assessments and audits, validating the effectiveness of internal security controls and identifying areas for improvement

Certifications

2023-08	Oracle Cloud Infrastructure 2023 Certified Security Professional
2023-08	Oracle Cloud Infrastructure 2023 Certified Architect Associate
2024-04	Certified in Cybersecurity by ISC2