MUDIT JAISWAL
SENIOR APPLICATION SECURITY ENGINEER

CONTACT

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EDUCATION

2015 - 2018
ARUNACHAL UNIVERSITY

- Bachelor of Computer Applications

CERTIFICATIONS & ACHIVEMENTS

- **Offensive Security Certified Professtional** - (https://www.credential.net/profile/muditjaiswal658710/wallet)
- Presented a talk at **HackInBo Italy** on **Breaching Modern Android Defenses** - https://www.hackinbo.it/singolo-relatore.php?id=134

SKILLS

- Project Management
- Critical Thinking
- Teamwork
- Time Management
- Leadership
- Effective Communication

PROFILE

Results-driven **Cybersecurity Engineer** with nearly **7 years of experience** in **Vulnerability Assessment and Penetration Testing (VAPT), Web & Mobile Security, Red Teaming, and Risk Assessment**. Extensive expertise in securing **800+ web applications** and **100+ mobile applications** across industries such as **banking, telecom, and e-commerce**. Skilled in **threat modeling, secure coding, and cloud security**, with a strong focus on **cybersecurity innovation, automation, and risk mitigation**. Adept at **collaborating with Agile** teams to integrate security best practices into the **SDLC**, ensuring proactive defense against emerging threats.

WORK EXPERIENCE

EmiratesNBD, Dubai, UAE   Dec 2023 - Present
Senior Application Security Engineer

- **Collaborate with Agile squads** to embed security best practices within the **Software Development Life Cycle** (**SDLC**), ensuring **secure coding**, **threat modeling**, and proactive vulnerability remediation.
- **Implement and integrate SAST and SCA** tools within **CI/CD** pipelines to identify security vulnerabilities in source code and third-party dependencies, ensuring compliance with **secure coding standards** and reducing **software supply chain risks**
- Conduct **Web and Android application penetration testing** and security assessments aligned with **OWASP standards** to identify and mitigate security risks.
- Perform **threat profiling**, **penetration testing**, **risk categorization**, and **remediation guidance**, ensuring vulnerabilities are effectively mitigated and tracked until closure.
- **Performed in-depth security reviews of network firewalls and Web Application Firewalls** (**WAF**), analyzing configurations, rule sets, and traffic flows to enhance protection against cyber threats and web attacks.
- Develop **business test cases** based on application functionality, vulnerability assessment (VA), penetration testing methodologies, and security reporting best practices.
- Utilize **Frida, Magisk modules, OKCAT, ADB, MOBSF**, and other tools for **Android debugging and penetration testing**.
- **Change Management**: Perform daily security assessments for all newly developed or modified products to identify and mitigate potential risks.
- Conduct security assessments on **Emirates NBD Cloud Infrastructure** (**AWS and GCP**) to ensure compliance with security policies and industry best practices.
- Leverage tools such as **CS Suite, Scout2**, and other cloud security assessment tools to identify misconfigurations and vulnerabilities.
- Develop **custom exploits** and automation scripts using Python to enhance security testing and **vulnerability research.**

WORK EXPERIENCE

Bharti Airtel, Gurugram, India
Senior Application Security Analyst

March 2022 - Dec 2023

- **Performed security testing for customer-facing applications**, ensuring robust protection of user data and seamless security integration in large-scale telecom platforms.
- **Conducted in-depth security assessments of complex telecom architectures**, identifying vulnerabilities in network components, APIs, and backend systems.
- **Collaborated with cross-functional teams,** including developers and network engineers, to implement security best practices and mitigate risks in Airtel's digital ecosystem.

Infosec Ventures, Gurugram, India
Cyber security Analyst

May 2018 - March 2022

- Conduct **Web and Android application penetration testing following OWASP standards,** performing **black-box** and **grey-box** assessments, **threat profiling, risk categorization**, and **vulnerability remediation**
- **Expertise in offensive security techniques**, including SQL Injection, SQLmap, XSS, shell uploading, and exploit development using Python, along with experience in **red team engagements.**

PROFESSIONAL STRENGTH

- **Strong stakeholder engagement** with leadership, clients, and partners to drive security initiatives and risk mitigation.
- Extensive experience in VAPT for web and mobile applications using both **manual techniques and automated tools**.
- Proficient in threat detection and analysis by evaluating large sets of logs from security and network devices, operating systems, databases, and web applications.
- Hands-on expertise in security tools such as Kali Linux, Burp Suite Pro, Sqlmap, Nmap, Tenable Nessus, Nikto Scanner, Metasploit, Acunetix, and Directory Buster.
- Proven leadership experience, managing projects and leading teams to execute security assessments effectively.
- Conducted technical interviews to recruit top security talent for the organization.
- Technical proficiency in **AWS, Git, Python, MongoDB, and Flask**, enhancing security automation and development.
- Experienced with ticketing and workflow tools like Jira and ServiceNow for tracking security issues.
- Expertise in identifying and exploiting payment gateway misconfigurations, strengthening financial application security.

REFERENCE

Himanshu Sharma

Hacker | Entrepreneur | Author | Consultant

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