**Jyoti Shailesh Zagade**

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**ABOUT ME**

A seasoned IT professional with over 17 years of IT experience in SDLC within Agile framework, including more than 12 years specializing in Web Application Security, SAST, DAST, Vulnerability Assessments.

Proficient in conducting security assessments for Web Applications, Android Apps, and Web Services using manual and automated tools such as Kali Linux, Burp Suite, Web Inspect and OWASP Zap. Skilled in executing a range of application-level attacks (XSS, SQL Injection, CSRF), with strong knowledge of security frameworks like OWASP Top 10, CWE/SANS Top 25 and NIST standards. Additionally, experienced in formulating Security Audits, Training, Testing Plans, Process Documentation and coordinating across multiple teams.

Well-versed in security training and raising organizational security awareness, contributing to improved security metrics and reporting.

**SKILLS**

* **Application Security:** VAPT, SAST, DAST, Security Audits, Secure Code Review, OWASP Top 10, CWE/SANS 25, NIST
* **Security Tools:** Burp Suite Pro, OWASP ZAP, IBM AppScan, Acunetix, SQLMap, Nmap, SonarQube, Android Studio, Apktool, Dex2jar
* **Languages/Tech:** Java, JSP, JavaScript, HTML, Hibernate
* **Tools/Environments:** IntelliJ, Eclipse, Git, Jira, SoapUI, Postman.
* **Databases:** SQL Server 2005, MySQL (Database Security, Optimization)
* **Web Servers:** Apache Tomcat (Hardening & Security Configuration)
* **Operating Systems:** Kali Linux, Windows, Android

**WORK EXPERIENCE**

**Center for Development of Advance Computing ([cdac.in](http://cdac.in)) May, 2007 – Present**

*Project Engineer Pune, India*

* Led end-to-end **requirement gathering, analysis, design, and development** to ensure alignment with project goals and client expectations.
* **Planned and managed project activities**, defined milestones, and allocated tasks to ensure timely and quality delivery.
* Facilitated **effective client coordination** to gather detailed requirements and ensure that all acceptance criteria were accurately implemented.
* Conducted **comprehensive code reviews** to ensure adherence to secure coding practices and organizational coding standards.
* Oversaw **project timelines, defect tracking**, and provided regular updates to senior management on testing and quality assurance progress.
* Designed and executed **comprehensive test strategies,** including test planning, requirement reviews, test case design, and validation processes.
* Performed **security audits and vulnerability assessments** in compliance with NIST, CWE/SANS Top 25, and OWASP standards.
* Authored and delivered **detailed VA/PT reports** to clients, improving security metrics and reducing vulnerabilities by 80%.
* Ensured **pre- and post-go-live security assessments** to maintain application integrity and compliance.
* Developed **proof-of-concept (PoC)** solutions for identified vulnerabilities and conducted training sessions for developers on **secure coding practices**.
* Successfully completed **third-party security audits for 20+ web applications and 5 mobile applications**, vulnerability reduction.

**PROJECTS**

1. **Project Management**  August 2021 to Till Date

## **Project:**

1. Works and Account Management Information System (Bihar)
2. Financial Accounting System (KRCL)

## **Roles and Responsibilities :**

* Successfully delivered secure and functional software solutions aligned with client requirements and acceptance criteria, especially for financial and e-governance domains.
* Planned and managed project tasks, milestones, and resource allocation to ensure timely delivery within defined budgets and schedules.
* Conducted in-depth code and test case reviews to enforce quality standards, enhance code maintainability, and reduce technical debt.
* Participated in cross-functional departmental meetings, contributing to gap analysis and aligning deliverables with stakeholder expectations.
* Diligently reviewed Minutes of Meetings (MoM) and Change Request (CR) documents, ensuring traceability and effective implementation of scope changes.

1. **Application Security Management**  January 2013 to Till Date

**Project:**

1. Works and Account Management Information System (Bihar)
2. Financial Accounting System (KRCL)
3. Employees' Provident Fund Organization (EPFO)
4. Electronically Transmitted Postal Ballot System (ETPBS)
5. Works and Account Management Information System (WAMIS)
6. Public Works Department - Tripura, Meghalaya, Jharkhand and WRD Maharashtra
7. Online Management Monitoring & Accounting System (OMMAS)
8. Mukhya Mantri Gram Sadak Yojana (MMGSY)
9. Funds and Accounts Management System (FAMS)
10. Maharashtra Industrial Development Corporation (MIDC)
11. Karnataka Valuation and e-Registration (KAVERI)
12. Kaveri Online Services (KOS) and PRDE

**Roles and Responsibilities :**

* Led security assessments and implemented robust security measures for Web, Mobile Applications and Web Services .
* Provided expert guidance in analyzing business and system requirements, conducting test planning and execution, and managing defect tracking and resolution.
* Developed and submitted detailed Internal and External Vulnerability Assessment & Penetration Testing (VA/PT) reports to clients.
* Managed Security Audits and Penetration Testing in alignment with NIST, CWE / SANS Top 25, and OWASP standards.
* Developed Proof of Concepts (POCs) to address security issues identified during assessments, and conducted training sessions for development teams on secure coding practices and remediation strategies for critical and high-severity issues.
* Developed and maintained comprehensive security documentation, including VA/PT reports and process guidelines, to ensure ongoing security compliance and readiness.

1. **Database Management January 2011 to 2012**

**Projects:**

1. Bug Tacking System (BTS)
2. Stamps and Registration Software (GOA) and Karnataka Valuation and e-Registration (KAVERI)

## ****Roles and Responsibilities:****

* Designed and developed a Bug Tracking System (BTS) using VB and Jasper Reports, improving bug reporting and resolution workflows.
* Managed databases for BTS, Stamps and Registration Software (GOA), and KAVERI projects using MS SQL Server 2000/2005, ensuring data integrity and efficient client data handling.
* Authored SRS documents and user manuals for BTS and conducted user training sessions to ensure smooth adoption and usage.

1. **Software Developer May 2007 to 2010**

**Projects:**

1. Stamps and Registration Software (GOA)
2. Karnataka Valuation and e-Registration (KAVERI)

**Roles and Responsibilities :**

* Analyzed user requirements and contributed to the design and development of registration software solutions.
* Enhanced and maintained Society and Marriage Registration software using VB, Jasper Reports, and MS SQL Server 2000/2005.
* Prepared and updated SRS and user manuals for modules like Society, Marriage, Notary Registration, and EC/Nil-EC Search.
* Conducted user training and provided onsite support for KAVERI and GAURI applications, ensuring issue resolution and smooth operations.

**EDUCATION**

**Pune University June, 2006**

*Post Graduation Diploma in Advance Computing Pune, India*

**Pune University June, 2005**

*Bachelor of Engineering (Electronics) Pune, India*

**CERTIFICATION**

**Certified Ethical Hacker (CEH) 2018**

**ISO 9001:2015 2017**