MANGESH R JOSHI

Flat No 37, Rosewood Apt ,Lane No 10 B, Dhyari,Pune 411041|C:9096065076 |mr.joshi1994@gmail.com

Career Objective

A highly skilled Java Developer with over 6+ years of experience in designing, developing, and maintaining Java-based applications. Specializing in core product and framework development, application security, performance optimization, and secure backend systems. Experienced in the banking and finance domains, with a strong focus on developing secure authentication and authorization mechanisms, and resolving critical system issues. Proven ability to deliver scalable, high-performance solutions while ensuring application reliability through continuous support and optimization. Eager to leverage my technical expertise and problem-solving skills to contribute to the growth and success of a forward-thinking organization.

Technical Expertise

- Technologies   :Java , J2EE, JSP, JavaScript, HTML5, CSS3, Bootstrap, Maven
- Database   : Oracle
- Framework   : Spring Booot, Strus 2
- Server   : JBoss EAP/WildFly, Apache Tomcat
- Tools Used   : Eclipse ,PL/SQL Developer,SoapUI,Postman,Putty,Win-Scp,JIRA,Burp,git.

Project Details

❖ **Ebixcash Limited**(Ebix Technologies Private Limited)   (March 2021 to Present)

A highly skilled and results-driven Java Developer with expertise in **application security**, **performance optimization**, and **secure authentication**. With extensive experience in the **banking and finance domains**, I have successfully developed and enhanced mission-critical applications, focusing on robust security features, system performance, and seamless user management. Key contributions includein below Fremwork(Project's) :

➢ **ACE(Centarlise Security Systeam):**

- o Developed Multi-Factor Authentication (**MFA**): using OTP-based authentication**, dynamic CAPTCHA generation**, and integrated **SMS/Email gateways** to significantly reduce security risks.
- o Strong Encryption Algorithms: Applied **AES encryption** for securing sensitive data (PII) and **SHA-256** hashing for password storage, ensuring data integrity and confidentiality in compliance with industry standards.
- o Password Policy Enforcement: Enhanced application security by enforcing a strong, configurable **password policy** tailored to business needs, ensuring robust access control.
- o Audit History Enhancement: Improved **audit history** features to capture detailed user login/logoff history with additional information such as IP addresses, providing better audit trail clarity and aiding in compliance.
- o Mobile Authentication: Integrated mobile **authentication** using **REST api** , offering features like Mobile MFA and password policy enforcement for **B2B applications**. Successfully implemented across multiple projects.
- o User Management: Developed **Maker-Checker functionality** for efficient user creation, access control, and role management, improving security and user lifecycle management for enab;ing two level approvel process.
- o Application Security: Implemented **OWASP** security standards, addressing critical threats such as **Session Hijacking, Cross-Site Scripting (XSS), Content Security Policy (CSP)**,CSRF,RATE LIMIT and Injection vulnerabilities to ensure the application's resilience against security threats.
- o Enhance Logging fremwork usng kafka ELK for tracing async log of appliaction.
- o Message Digest: Leveraged cryptographic hash functions for **message digest**, ensuring data integrity during transmission and **preventing unauthorized tampering**.
- o **Legacy Software Update**: Successfully **updated legacy software** from **Struts 2 to Struts 7**, including migrating from **JDK 1.8 to JDK 17**. This upgrade was done to ensure better **security**, and **scalability**. The migration helped optimize reduced vulnerabilities, and improved compatibility with modern frameworks.
- o Logging Framework Enhancement : Designed distributed logging system using **Kafka + ELK** (Elasticsearch, Logstash, Kibana) Achieved 99.99% log reliability for async application traces and Improved debugging efficiency via centralized log aggregation.

- ➤ **LOS (Loan Origination Systeam) :**

  - ○ AAYU (Amortization Generation Engine): Debugged and optimized the AAYU module, enhancing the XIRR functionality for more accurate financial calculations, improving the overall performance and reliability of the module.

- ➤ **Collection Fremwork :**

  - ○ Framework Enhancements: Improved the collection product framework, enhance features like Advanced Search for account worklists and capabilities for filter saving and sharing across available worklists, enhancing user experience and productivity.

- ❖ **Technolite Software Solution Pvt. Ltd**   (July 2018 To March 2021)

  - ➤ **College Admission System and Quick Learno :**

    College Admission System :
    Developed a comprehensive web application to manage and track all student admission activities for a college. The system includes features such as master settings, role management, report   generation, payment gateway integration, and ID card generation.

    Quick Learno:
    An e-learning platform designed to create and manage educational assets for professional institutes and teachers, streamlining the distribution of educational content.

    Key Contribution -
    - ○ Gathered and analyzed project requirements from stakeholders to ensure alignment with business needs.
    - ○ Designed and developed the entire application architecture using Java, JSP, and Servlets.
    - ○ Created dynamic front-end pages with HTML5, JavaScript, CSS, and Bootstrap for a responsive and user-friendly interface.
    - ○ Integrated MySQL database to manage and store student admission data securely.
    - ○ Implemented features for role-based access control and streamlined report generation for administrative purposes.
    - ○ Integrated a payment gateway for seamless fee payment processing.
    - ○ Developed functionality for automatic ID card generation for enrolled students.
    - ○ Played an active role in the deployment process, ensuring smooth rollout of the application to the production environment.
    - ○ Managed change requests and incorporated new features or modifications as per client requirement.

Education and Training

- • **Master in Computer Science.** (N.M.U. Jalgaon , MH)
     Aggregate Percentage **62.08** .(2018)
- • **Bachelor in Computer Science**, C**omputer** ((N.M.U. Jalgaon ,MH)
     Aggregate Percentage **65** .(2015)
- • **Higher Secondary Certificate (HSC)** , **Science** (Maharshtra State Board)
     Aggregate Percentage **60**.(2012)
- • **Secondary School Certificate (SSC)** (Maharshtra State Board)
     Aggregate Percentage **81.82** .(2010)

Date: Thanks & Regards,
                                                                                              Mangesh Joshi.