HARIKA BOLLAM (Harika)

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SUMMARY

- Over 5 years of extensive experience as Java/J2EE Developer building web - based enterprise application for banking domain
- Expertise in various methodologies of the Software Development Lifecycle (SDLC) process including analysis, design, development, implementation, integration, testing, debugging, production & maintenance.
- High Proficiency with Object Oriented Programming Design, Multi-threading, Exception Handling, Data Structures and Algorithms, Collections, Garbage Collection, Method References, Functional Interfaces
- Extensive experience using Java technologies: Core Java, JDBC, JSP, Servlets.
- Experienced in using J2EE Design Patterns, MVC, Session Facade, Service Locator, Data Access Object, Data Transfer Object / Value Object, Business Delegate and Factory.
- Experience with different modules of Spring Framework like Spring Core Container, Spring MVC, Spring AOP, Spring Data JDBC, Spring Boot.
- Expertise in developing GUI using Web-Development technologies like HTML, JavaScript, CSS, HTML5, Angular JS and jQuery.
- Strong experience with the relational databases like Oracle-12c/11g, MySQL-5.x
- Experience in creating build scripts using Ant, Maven
- Experience in configuring and deploying Web Applications using IBM WebSphere, Apache Tomcat
- Experience in de-bugging using implementation of Apache Log4j for logging and Jira, GitLab for issue-tracking.
- Very good experience in using Git, SVN for version control
- Expertise in developing enterprise applications using Jenkins for Continuous Integration and Continuous Deployment (CI/CD)
- Extensive development exp on different IDE's like Eclipse and Spring tool suite.
- Proficient in Behavior Driven Development (BDD) and Test-Driven Development (TDD) approach using SCRUM framework under Agile Methodology.
- Excellent client interaction skills and proven experience in working independently as well in a team.

EDUCATION

Master of Science in Computer Science , Bradley University ,Peoria ,Illinois   **Currently Pursuing**
Coursework: Software engineering, Database and Management systems, Algorithms
Bachelor of Technology in Electrical and Electronic Engineering, JNTU Hyderabad, India   **August 2011 - May 2015**
Coursework: Object oriented programming in Java, Computer architecture, C programming & Data   GPA 3.8
structures, VLSI Design, Probability & statics, Embedded systems, Advanced mathematics

TECHNICAL SKILLS

Programming Languages	C,C++,Java, JDBC, Servlets, JSP, Python
Web Technologies	J2EE ,HTML, CSS, XML
GUI	JavaScript, JSON, Angular2, jQuery
Architecture & Framework	MVC, Collection API, Hibernate, Spring
Spring Modules	Spring IOC, Spring JDBC, Spring MVC, Spring ORM, Spring AOP, Spring Boot
Databases	MySQL, Oracle SQL developer
Development Tools	Maven, ANT, Log4j
Servers	Apache Tomcat, WebSphere
Web Services	Soap and Restful
Version Control Tools	SVN, GitHub
Operating System	Windows, Linux, UNIX
IDE	Eclipse, STS
Other Tools	Burp Suit, Fortify tool, Putty
Methodologies	Agile Scrum , Waterfall
Testing & Build Tools	SoapUI, Postman, Jenkins

CERTIFICATION

- Certified on "**Salesforce from trail head**" from Udemy   **January 2020**
- Certified in **"Unix shell scripting** "from Tech Mahindra   **May 2017**
- Certified by Vanderbilt University On" **Introduction of programming with Python**"   **August 2017**
- **"Java & J2EE "** Certificate of Mastery Course from Talent sprint   **August 2016**

WORK EXPERIENCE

Software Engineer II – Tech Mahindra,   **November 2019 – July 2021**
Client – State bank of India, Mumbai

- Implemented strategic new business requirements, business changes and versioning as per agile methodology
- Provided critical decision support in critical webservice module development and testing
- Maintained and debugged Java modules for requirement changes, bug fixes and quality control.
- Enforced design patterns such as Singleton, Factory, and Observer at desired scenarios.
- Handled Maven scripts to build the application and deploy on WebSphere Application Server.
- Developed web application using Spring Web model-view-controller(MVC) framework & created builds using Jenkins server
- Utilized Spring AOP techniques for handling Data Access Exceptions during the transactions.
- Documented code using SVN and GIT for code repository and version control.
- Performed impact analysis before starting new functionality implementation,
- Developed & debugged code for client-side validations using JavaScript & STS IDE
- Implemented and enhanced internal reports using Java JDBC, Apache POI for excel reports.
- Expertise in Oracle SQL query writing for daily analysis and ad-hoc activities.
- Performed UAT [User Acceptance Testing] and SIT [System Integration Testing] teams with test case scenario and data setup.
- Evaluated security on web applications and performed hands-on testing using burp suite tool
- Analyzed code and preventing security vulnerabilities in application using fortify security tool

Software Engineer I – Tech Mahindra,   **March 2018 – October 2019**
Client – State bank of India, Mumbai

- Spearheaded the configuring of application and setting up the development Environment.
- Developed applications using Soap and Restful Webservices based on customer requirement
- Enhanced legacy Java code to its optimized state resulting better performance (modified data structure and collections).
- Enforced design patterns such as Singleton, Factory, and Observer at desired scenarios
- Successfully enhanced HTML, CSS, and JavaScript code blocks in legacy applications for better data handling.
- Integrated JAVA EE technology Spring MVC with Hibernate for persistence layer access & mapping tables in Oracle 12c
- Implemented Microservices architecture for creating independent components utilizing Spring Boot for consuming services.
- Implemented SQL queries and table Joins queries for better performance.
- Used Log4j and commons-logging frameworks for logging the application flow.
- Developed and extensively debugged the code using eclipse IDE & involved in Functional, SIT, UAT testing.
- Implemented Spring JDBC call backs to work with stored procedures and prepared statement.
- Worked in a Test-Driven Development (TDD) by conducting regression testing and used JIRA bug tracking tool

Associate Software Engineer – Tech Mahindra,   **August 2017 – Feb 2018**
Client – SEBI (Securities & Exchange Board of India)

- Extensively analyzed requirement specifications and prepared test cases and performed test execution.
- Performed defect management activities of logging defect, Bugs validation, tracking and reporting in TDP.
- Worked in close liaison with cross-functional vertical teams such as developers & stakeholders to clarify requirements.
- Created & executed the automation scripts using selenium web driver in Java.
- Updated weekly or daily dashboards on regular basis
- Participated proactively in standup meetings, story grooming sessions, team retrospectives & implemented improvements.
- Involved in giving demo to clients as per requirement and specification & Provided Training to new team members

Software engineer trainee – Tech Mahindra, Hyderabad   **March 2017 – July 2017**

- Hands-on training on Unix shell scripting, MYSQL, PLSQL, Selenium & Java.
- Developed a case study(Library management systems) & extensively used core-concepts of Java such as Stream API, Exception-handling & Collections for business logic development.
- Performed CRUD operations like Update, Insert and Delete data in MYSQL database

Software engineer intern – STQC (Standardization testing and quality certification), India   **January 2016 – July 2016**

- Worked on Core Java services, Serialization, Generics, Annotations and Exception Handling to implement Back-End business logic including Entity and Session Beans.
- Developed web applications using Spring MVC , jQuery , HTML5 & worked on Multithreading and Collections framework.
- Added interactivity to UI pages using JavaScript
- Created database objects like Stored Procedures, Tables, Views, Sequences, Cursors and Triggers

LEADERSHIP & ACHIEVEMENTS

- **Pat on Back award & Bravo award** for significant contribution on Finacle web services
- Member of **Association for computing machinery (ACM) & Institute of electrical and electronic engineers (IEEE)**

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