**SAPTARSHI MALLICK**

**435-554-1295**

[**saptarshhi539@hotmail.com**](mailto:saptarshhi539@hotmail.com)

**PROFESSIONAL SUMMARY**

* Over 7+ years of experience in Information Technology with expertise in Java Development, Hibernate, Spring, REST/SOAP Web Service
* Thorough knowledge in core Java concepts like OOAD, JDBC, JMS, Multi-Threading and advanced Java concepts like JSP, Servlets, Struts, HTML, XML, Hibernate, AJAX, Java Beans and SPRING
* Well experienced in database development system and administration of web and database servers
* Proficiency in handling the complete SDLC and flair for adopting & keeping abreast the latest IT trends/technologies
* Expertise in usage of spring Web MVC module and JPA in hibernate
* Experience in collecting and analyzing large amounts of data using MATLAB
* Used java and C programming to work in a Data Driven Environment
* Creation of Functional requirements by analyzing the business requirements Implemented GUI pages by using JSP, HTML, CSS, JavaScript, AJAX
* Implemented the RESTFUL web service to load the JSON files into the database
* Used SAX and DOM parsers to parse the raw XML documents
* Experience using scripting languages to take care of large amounts of data
* Expert knowledge in usage of Eclipse as Development IDE for web applications
* Good Knowledge of Data Access Object (DAO) pattern to introduce an abstraction layer between the business logic tier (Business object) and the persistent storage tier (data source)
* Experience in configuring and deploying application Tomcat 6 and Web Logic 10.3.2
* Experience in developing applications using Model-View-Controller architecture using spring MVC.
* Knowledge of OOAD for designing the Use Case Diagrams, Class model, Sequence diagrams, and Activity diagrams for SDLC process of the application
* Having good experience in unit testing by using JUnit
* Using PL/SQl scripts to work with databases
* Well Experienced in deploying and configuring applications onto application servers like Web logic, JBoss, Websphere and Apache Tomcat
* Built a Global Scheduler in Xenomai, a real time operating system in a linux environment

**TECHNICAL SKILLS**

Languages C, C++, Java, J2EE 1.6, SQL/PL SQL

Java Technologies Core Java, Collections, JDBC, Multi-threading, JSP, Servlets, JPA, JSF, EJB, JMS, Java Beans

Frame Works Spring, Struts, Hibernate

Scripting Language HTML5, XML, XSL/XSLT, MATLAB, Python, Java Script, jQuery, Ajax

Web Services SOAP, WSDL, UDDI, REST, JAX-RS, JAX-WS

Databases MySQL, Oracle11g/10g, NoSQL(Cassandra)

Tools/IDEs Spring Tool Suite, Maven, Eclipse IDE, NetBeans, Putty, Log4j

Application Servers IBM WebSphere, Apache Tomcat, JBoss.

Version control SVN, CVS, GIT

Operating Systems Windows XP/7/8, UNIX, Linux, Solaris

**PROFESSIONAL EXPERIENCE**

**Caterpillar, Peoria, IL (September 2013 – Present)**

**Java/J2EE Developer**

* **Used Core java Exception handling and OOPs concepts to handle small parts of big scale projects.**
* Deployed application on Tomcat Server
* Used PL/SQL scripts to work with stored procedures and functions
* Used Java Persistence API in order to use Hibernate and Spring
* Used python scripting in linuxto connect two java applications and work with different frameworks
* **Working Experience on Spring IOC 3.0, Spring AOP 3.0, Spring MVC 3.0, Spring Transactions 3.0**
* **Used Spring MVC framework to develop the business logic**
* Used JMS to communicate with multiple clients through EJBs
* Used XML documents to work with deployment descriptor for both Java and Web Applications
* **Having strong knowledge in Core Java Collection Framework and used Set, List and Map.**
* Good Experience in implementing Web Services such as SOAP, WSDL, UDDI and RESTful web services using Jersey API frameworks
* Modeled data queries and data usage pattern of consumer were analyzed and then repeating values on usage pattern were fixed as Row\_key for column family using Cassandra.
* **Used Garbage collection in order to clean up memory for certain Core java applications.**
* **Extensive use of Spring Beans in order to work with different applications connecting to Hibernate cache(EHcache) and database.**
* Used JSF technology with AJAX to work on building front end interfaces
* Experience in Using GIT to be used as a Code repository
* Involved in Software Development Life cycle (SDLC). Ability to be creative and take self-initiatives and execute/ manage multiple projects in parallel during critical situations

**NY Insurance, Albany ,New York (December 2011 – August 2013)**

**Java/J2EE Developer**

* Experienced as GUI developer using JSP, Ajax and JQuery using websphere as the tool to manage the UI supporting business functions with EJB component model
* Prepared Functional requirements by analyzing the business requirements Implemented GUI pages by using JSP, HTML, CSS, JavaScript, AJAX
* **Developed applications requiring thread management and concurrency.**
* Developing JSP pages for presentation layer (UI) using Struts 2 with client side validations using Struts Validator framework/ JavaScript
* **Used OOPS and core java concepts to build applications based on project requirements.**
* **Spring/Hibernate ORM Integration**
* **Memory Management and implementation of Garbage collectionin JVM and good understanding of stack and heap.**
* **Developed the RESTful web services using JAX-RS in J2EE 1.6to provide user a way to run the job and generate daily status report**
* Performed performance tuning using indices and partition of databases to take care of performance issues in Relational databases.
* Strong experience in assessing and managing project risk, and driving tactical objectives in an assertive, fast-growing, dynamic, mission-critical Engineering organization
* Used SAX and DOM parsers to parse XML documents and work in building the business logic in them for the enterprise application
* **Developing web based Application by using MVC n-tier Architecture and deployed application IBM websphere**
* **Used Core Java Multi-threading concepts to deal with synchronized and unsyncronized methods**
* **Used Agile (Scrum) methodology to work in testing environment**
* Used JDBC and Implemented DAO Layer and communication to Mysql Database
* Used MVC Framework to implement the required functionalities for the modules.

**HGST & HDSCC - San Jose, CA (December 2010 – November 2011)**

**Java/J2EE Developer**

* **Used design patterns like Singleton, Factory, observer and decorator for writing technical specification documents**
* **Multi-threading concepts along with Oracle database to communicate with java application**
* **Requirement gathering, Analysis, Development of website and Testing**
* Experience in Using SVN for code repository and as version control mechanism
* Configured the project on Web Sphere 7.0 application servers
* Used Perl and python in a linux environment to work with databases
* **Experience in Stored Procedures, joins in databases to perform SQL operations**
* Involved in agile development with short, rapid development cycles
* **Web App with Struts MVC/Spring, Hibernate3.**
* **Experience in working with XSD as WSDL file in SOAP web services**
* **Used JPA to work with MySQL and oracle databases**
* Experience in implementing OOPs concepts.
* Good practical knowledge of Exception Handling and creating custom exception based on the practical requirement
* **Extensively used PL/SQL developing different tables and running SQL queries on them**

**Xchange Systems India (October 2007 – November 2010)**

**Web Developer**

* **Developed application using Core Java concepts**
* **Strong knowledge on OOP and development of J2EE technologies**
* Used CVS for version control and used Eclipse for development.
* Extensively used Spring in order to develop the business logic
* Devised and algorithms for a real-time problems occurring while performing tests for the migration of Presentation logic to Business logic.
* Used Singleton in order to communicate with a number of databases in the project
* Used core java concepts to build an interface in order to communicate between the business logic and user interface.
* Used Oracle 10g as the backend database. Involved in creating the PL/SQL scripts for the database. Used Stored Procedures in the application
* Basic knowledge working with XML files
* **Used RDBMS like Oracle, MS SQL Server and MySQL**