**Bharadwaj N**

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**Professional Summary**

* Around **7+** years of experience in the IT industry with expertise in Software Analysis, Design, Development, Implementation and Testing of Object Oriented applications using **Java** and **J2EE.**
* Well experienced in collaborating with onsite as well as offshore teams and coordinating with business to convert business requirements into technical specifications.
* Strong object oriented design and analysis experience.
* Experienced in developing data-driven applications and working in test-driven environments using **Core JAVA** and **J2EE** technologies.
* Experienced with J2SE Technologies like **API**, **Threads**, **Collections**, and **Exception Handling** J2EE Technologies like **Servlets**, **Listeners**, **Filters**, **JSPs** and **JSTL**.
* Practical knowledge of frameworks like **Spring Dependency Injection, Spring MVC, Spring JDBC, Spring DAO**, **Struts, Hibernate**, **iBATIS.**
* Having knowledge on making an application loosely coupled with **Spring Core (AOC and IOC).**
* Working experience of Relational DBMS like **MySQL, Oracle SQL PL/SQL, SQL Server (MS SQL),** and **Oracle Performance Tuning.**
* Well versed with consuming and producing Web Services like **SOAP** (WSDL Component) and **REST** working with data-exchange formats like **XML** and **JSON.**
* Experienced with **Synchronous web services like JAX-RPC, JAX-RS, JAX-WS** and **Asynchronous web services** like **JAX-M** and **JMS.**
* Hands on Experience in working with Databases MYSQL, Oracle 10g/11g, SQL-Server, DB2 and NoSQL (MongoDB, Cassandra).
* Used **Spring Framework** AOP Module to implement logging in the application to know the application status.
* Extensively used **JSTL** tags and Struts tag libraries. Used Struts tiles as well in the presentation tier, participated in coding Spring AOP components for the Transactional Model to handle many requests. Involved in writing JSP and **Servlet** components guide Automation practices for QA team
* Experienced with Implementations like **Apache AXIS I, Apache AXIS II** and **Apache CXF.**
* Working knowledge of Front End development technologies like **HTML**, **CSS**, **JavaScript**, **JSP, JSF, JSTL**, **Free marker, AJAX, JQuery, Bootstrap, Angular JS.**
* Proficient in various technologies like **Servlets**, **EJB, JPA, JTA, JDBC, JMS, Log4J, SLF4J** and **JUnit**.
* Demonstrated ability to work with parsers like **DOM4J, SAX Parser**, **JAXB** and **Jackson**.
* Having experience with **Collections** for managing the dynamic data.
* Implemented **log4j** for logging purposes and debug the application.
* Having experience in **algorithm** and **Garbage Collection** in performance issues.
* Strong proficiency with Swing, printing and imaging and other packages of **Core Java API**
* Hands-on experience working with source control tools such as **SVN, CVS** and **Git**.
* Proficient in SQL and writing Stored Procedures, triggers besides writing **DDL, DML** and **transaction queries** with development tools like **TOAD** and Stored the data in the form of JSON structure based documents, stored in a collection using MongoDB.
* Expertise in tracking bugs and issues using **JIRA.**
* Knowledge on various Docker components like **Docker Engine**, **Hub**, **Machine**, **Compose** and **Docker** Registry.
* Familiar with latest software development practices such as Agile Software Development, Scrum, Test Driven Development (TDD) and Continuous Integration (CI).
* Experience in cloud computing services like **Amazon AWS**.
* Used **JMS** to send and receive messages from the **MQ** and differentiated messages using **Apache Camel**.
* Experienced with build tools like **Jenkins, Maven** and **ANT.**
* Having knowledge and hands-on experience **with Selenium, Junit, Log4j** testing tools.
* Working experience of application servers like **WebLogic**, **WebSphere**, **JBoss** and **Apache Tomcat**.
* Experienced in developing **Multi-Threaded/Concurrent** applications and **Unix Shell Scripting**.
* Experienced with **Linux based commands of BASH and Perl Scripting**.
* Extensive experience in working IDE tools like **Eclipse, Red Hat Jboss** Developer and **NetBeans**.
* Experience with programming language like **C**, **C++** and with frameworks like **Code Igniter**.
* Comfortable working with **Windows** and **Linux** based environments.
* Strong System Analysis, Debugging, Documentation and Data analyzing skills.
* Domain knowledge in Technology, Financial, Banking, and e-commerce industries.
* Ability to adapt to new software applications and products, self-starter, with excellent communication skills and understanding of business workflow.
* Extremely enthusiastic and a very good team player.

**Technical Skills**

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| **Languages** | Java (Threads, Collections, Garbage Collection, memory, algorithm) and APIs, J2EE, C, Python, Scala, JavaScript, SQL. |
| **Enterprise Java** | JSP, JSTL, Servlets, JPA, JTA, EJB, JSF, REST and SOAP-Web Service, Jackson, JAX-B, JAX-RPC, JAX-WS, JAX-RS, Jersey, Apache AXIS, Apache CXF, Jersey, JMS. |
| **Cloud Computing services** | Amazon AWS |
| **Frameworks/Libraries** | Spring Framework, Spring IOC, Spring AOP, Spring MVC, Spring Boot, Spring DAO (Spring JDBC, Spring ORM), Hibernate, Struts, iBATIS, Apache Camel, Maven, Ant, Jenkins. |
| **Web Technologies** | HTML, CSS, JavaScript, AJAX, jQuery, JSON, XML, XSD, XSLT, Bootstrap, Angular JS. |
| **Tools** | JUnit, Log4J, Mockito, Maven, Firebug, JIRA, Selenium. |
| **Application Server** | Apache Tomcat, WebLogic, WebSphere (WAS), WAMP, JBoss |
| **Databases** | MySQL, Oracle, SQL Server, PostgreSQL. |
| **IDE** | Eclipse, IBM RAD, STS, IntelliJ, Jcreator, NetBeans. |
| **Version Control** | SVN, Git, CVS. |
| **Design Patterns** | MVC, Singleton, Factory. |
| **Methodologies** | Agile, Scrum, RUP, TDD, OOAD, SDLC |

**Professional Experience**

**Bank of America, NC March 2016 to March 2017**

**Sr. Full Stack Developer**

**Responsibilities:**

* Developed and Deployed **Java/J2EE** based applications.
* Developed **Spring** controller classes for forms and performed URL and view mapping using the **Spring MVC** Framework. Also developed validators to implement server side validation of input data.
* Implemented **Servlet Filters** to implement user authorization and other functions.
* Developed **DAO**s (Data Access Objects) to access data from the Oracle Server Database using the **Hibernate** as the ORM (Object Relational Mapping) tool.
* Deployed Spring Bootbased microservices Docker container using Amazon EC2container services and using AWS admin console.
* Extensively worked on beginner patches for Docker Engine.
* Technical environment applies the latest software development principles with TDD, CI, Agile Software Development, JUnit and JIRA
* Modified the Spring Controllers and Services classes so as to support the introduction of **Spring framework**.
* Implemented Aspects using **Spring AOP** and **Spring IOC** Framework for logging and other functions.
* Implemented logging functionality using **Log4J** and **SLF4J**.
* Developed front end/user interface by extensively using **HTML**, **CSS**, **JSP, JSTL**, **AJAX, JQuery, JavaScript, Bootstrap, Angular JS, JSON** and **XML.**
* Have also worked on Java 8 along with Cold Fusion
* Consumed **REST**/**SOAP** Web Services and used **Jackson**/**JAX-B** for parsing them.
* Created and consumed **SOAP** based web services using **JAX-RPC** and **JAX-WS** specifications with WebSphere Implementations of **SKELETON** and **WSDL** file.
* Used **Jersey** Implementations to build **REST** web services.
* Deployed Spring Boot based **microservices** Docker container using Amazon EC2 container services and using **AWS** admin console.
* Used **JMS** to send and receive messages from the MQ and differentiated messages using **Apache Camel**.
* Implemented **Message Driven Beans (MDB)** to consume and parse the MQ messages received and inserts the data into the database.
* Used **Jenkins** as build management tool. Selenium was used to keep a track of bugs.
* Experimented with Java 8 lambda, Nashorn JavaScript engine.
* Configured and Deployed application on **JBoss Application Server**.
* Scheduled different tasks using **Java Timer** and implemented it using **Java Threads**.
* Wrote **JUnit** test cases for asserting functions and **SoapUI** for testing Web Services.
* Used **JIRA** to keep track of bugs and issues in the project.
* Used **AWS** for continuous integration and responsible for generating **docker** images.
* **Git** was used as the version control system.

**Environment:** Java,java8 J2EE, Python 2.5, Spring, Hibernate, Log4J, SLF4J, JSP, AJAX, HTML, JavaScript, JSON, XML, HTML, CSS, AWS, Bootstrap, Angular JS, REST and SOAP-Web Service, Test Driven Development (TDD)

JAX-B, JAX-RPC, JAX-WS, JAX-RS, Jersey, Apache AXIS, JMS, MDB,Spring Framework**,** JUnit, Soap UI, Git**,** Oracle SQL, PL/SQL**,** JBoss.

**Herc Rentals, Bonita Springs, FL Jan 2015 – Feb 2016**

**Sr. Full Stack Developer**

**Responsibilities:**

* Involved in study of User Requirement Specification, communicated with Business Analysts to resolve ambiguity in Requirements document.
* Worked in Agile Scrum Methodology.
* Extensively used various **Spring Framework** modules **like DI (IOC), Bean Wiring, Inheritance, Auto**
* Deployed and Developed **Java**/**J2EE** based application
* Developed application using **Spring MVC** and **Hibernate** as the ORM tool.
* Developed user interface with **HTML**, **CSS**, **JavaScript**, **JQuery, Angular Js, AJAX**, **JSP** and **JSTL.**
* Created **SOAP** based web service to provide the service of Location Look up for the agents.
* Created a Subscriber-Publisher Messaging Topics using **JMS** to send and receive messages.
* Used **Oracle SQL** and performed **Tuning** to improve its **performance.**
* Experience with TDD, BDD, and pair programming
* Created **Daemon threads** for certain long running reporting process.
* Performed improvements Garbage collection to cleaning up the idle objects.
* Scheduled a certain tasks using **Java Timer** Class by using **Core Java Thread APIs**.
* Implemented several **Collection classes/Interfaces** to manage the client data.
* Worked on **Garbage Collection** for memory issues to improve the performance.
* Scheduled a certain tasks using **Java Timer** Class.
* Interfaced with **Oracle** back-end **Hibernate** Framework.
* Implemented **Test Driven Development** using **JUnit**.
* Used **JAXB** to unmarshal **XML** data into POJO Objects.
* Used **Spring AOP and Spring IOC** Framework for logging and other functions.
* Used **JMS** to send and receive messages from the MQ and differentiated messages using **Apache Camel**.
* Created and consumed **SOAP** based web services using **JAX-RPC** and **JAX-WS** specifications with **Apache CXF** Implementations of **SKELETON** and **WSDL** file.
* Used **Jersey** Implementations to build **REST** web services.
* Used **Git** as Version Control.
* Used **MongoDB** as data storage and utilized aspects like replica sets.
* Deployed applications on **WebSphere** during development
* Wrote **shell scripts** to schedule standalone Java programs.
* Created various message transport mechanism with **Apache Camel**.
* The message transport mechanism supported various data formats like **XML** and **JSON**.
* Used **MAVEN** as build management tool.

**Environment:** Java, Spring, JSP, HTML, CSS, JavaScript, Angular JS, JQuery, AJAX, Multithreading, Collections, Garbage Collection, Oracle, Web Service – SOAP, JAX-B,Spring Framework**,** JAX-RPC, JAX-WS, REST-JAX-RS, WebSphere, Apache Camel.

**Vanguard, Malvern, PA Jan 2014 – Dec 2014**

**Java/J2EE Developer**

**Responsibilities:**

* Involved in complete life cycle of software development including designing, developing, testing and deployment of application.
* Designed and developed web application using **Struts, Spring** frameworks.
* Moving application from **Struts** to **Spring**.
* Integration of **Hibernate** with Spring and use of **JPA**.
* Designed database tables, sequences, triggers in **PostgreSQL**, and mapped accordingly with Hibernate and created POJO classes.
* **Agile** development process has been followed.
* Use of cloud services like **Amazon AWS**.
* Implemented a Rest API to save and retrieve the files using **Amazon S3** and **Amazon Glacier** respectively.
* Use of **CDN** to deliver webpages and content based on geographic location of the user.
* Implementation of automatic reloading of configuration sources using **Apache Commons Configuration**.
* Used **Ant, Maven** to build the application and deployed on **JBoss** Application Server.
* Used **CAS** protocol to implement the single sign-on to access multiple applications.
* Used **OAuth** standards while integrating the application with the social media applications.
* Developed test cases and performed unit testing using **JUnit**.
* Developed a **REST API** to generate different thumbnails of images.
* Auto generate the Hibernate POJO classes using the hbm files.
* Implemented search service in application using **Apache Solr.**
* Integrated web application with the **Apache Active MQ** which fully implements the **JMS**.
* Used **Log4j** for application logging and errors.
* Integrated **JMX** for managing and monitoring applications.
* Integrated **Nagios** for managing and monitoring applications. Triggers the emails to the support team based on the threshold.
* Development of UI using **HTML, JSP, JavaScript, jQuery, JSON** and **AJAX**.

**Environment:** Java/J2EE, Multithreading, Struts, Spring, Hibernate, JPA, Apache Solr, Apache Active MQ, JBoss, Html, Jsp, jQuery, XSD, JSON, Amazon EC2, S3, Glacier, CDN, Ubuntu, Angular JS, JavaScript, Nagios, Open Source, SVN, GIT

**L&T Technologies, Mumbai, India Nov 2011– Dec 2013**

**Java/J2EE Developer**

**Responsibilities:**

* Reviewed the functional, non-functional requirements and high level designs.
* Worked with Agile Methodologies.
* Developed application using **Struts MVC, Spring Dependency Injection and iBATIS** as the **ORM** tool.
* Worked extensively in the backend **Oracle database**.
* Created logging system for development stage using **Apache Commons Logging**.
* Developed web pages using **HTML, CSS, JavaScript, Angular Js and Free marker**.
* Produced SOAP Web Service using **Apache Axis**. Generated **WSDL files** for the Service that served **XML data.**
* For logging and other functions used **Spring AOP** and **Spring IOC Framework** to implement them.
* **Soap UI** is used for web services testing.
* Used multithreading in programming to improve overall performance.
* Developed Multi-Threaded/Concurrent applications and **Unix Shell Scripting**.
* Implemented Collections for managing the dynamic data and other **Core Java APIs**.
* Worked on Garbage Collection for memory issues to improve the performance.
* Created functions and stored procedures in **Oracle SQL/PL-SQL**.
* Worked with **XPath** when need to identify objects in the XML.
* Developed lookup tables and views to speed up queries.
* Provide critical support to current order management systems being used as and when required.
* Worked in **Quality analysis and testing**.

**Environment:** Java, EJB, Hibernate, Struts, Free Marker, Selenium, Oracle SQL, PL/SQL, XML, XPath, JUnit, Eclipse IDE, HTML, CSS, JavaScript, SOAP, JAX-B, JAX-RPC, JAX-WS, JAX-RS, Apache Tomcat, Apache Commons Logging, SOAP, Multi-Threaded/Concurrent , Collections , Stored procedures.

**ICICI Bank, Mumbai, India. June 2010– Oct 2011**

**Java Developer**

**Responsibilities**

* Core member of the one of the main product of the company
* The core project was developed using **Core Java, Multithreading and JDBC**
* Analyzed and understood the business requirements.
* Involved in various **SDLC** phases of the project.
* Connecting to MySQL database using **JDBC**
* Developed the presentation tier using **Struts** Framework.
* Used **Hibernate** as **ORM** and also involved in configuring hibernate to access database for various modules.
* Designed the database tables, and wrote the respective mapping files in hibernate and POJO classes.
* Used **log4j** for logging for the application.
* Build the **Ant** Scripts for building and deploying the application.
* **Automated** the settlement process with the application and Banks and sends the reports to the client.
* Developed the loyalty program applications to enhance the client business.
* Developed a protocol between the client and server using **XML** and build the parse to communicate between both ends.
* Developed a router application for the **ICICI Bank** to route the transactions.
* Implementation of **PGP** in Java to transfer and receive the confidential files between our servers and clients.
* Developed test cases and performed unit testing using **JUnit**.
* Used **CVS** to maintain the versions of the source code of the project.
* Implemented many **file parses and XML parses** in the application to communicate between the server and client.
* Used **Axis2** to generate clients from **WSDL.**
* Developed the UI using **HTML, JSP, jQuery, AJAX, JavaScript.**
* Certification of the product with various Banks and meet the standards of the industry.

**Environment:** Core Java/J2EE, Multithreading, JDBC, Struts, Java Mail, JDBC, MySQL, MSSQL, Ant, Apache Axis2, Apache Tomcat, WSDL, SOAP, XML, Log4j, Hibernate, JSP, Ajax, jQuery, SFTP, PGP, Linux, jPOS..