**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.
* 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.
* 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**.
* 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 hands on experience in Pivotal Cloud Foundry and other PaaS platforms.
* 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. |
| **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 till Date***

***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.
* Developed Microservices architecture using Rest APIs, Spring Boot and Pivotal Cloud Foundry.
* 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.
* Responsible for deploying the application in PCF (Pivotal Cloud Foundry).
* Worked on Spring Batch and PCF scheduler to schedule jobs and Rabbit MQ to perform asynchronous operations.
* 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.
* 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, JQuery, JavaScript, JSON, XML, HTML, CSS, AWS, Cloud Foundry, 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*.

***BankOne, Chicago Jan 2015 – February 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.*

***Albert Einstein Healthcare Network, Philadelphia, PA July 2013– 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– Oct 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.
* Used Jenkins as build management tool. Selenium was used to keep a track of bugs.
* 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 2009– 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..*