ASHISH RAJBHANDARI

nagaraju@i2datasystems.com| +1 4082167731

Java/J2EE Developer

**PROFESSIONAL SUMMARY**

* **Over 8 years** of experience in all phases of Software Development Life Cycle (**SDLC**) and development of Client/Server and Web applications with experience in **E-Commerce**, **Healthcare,** **Banking** and **Telecom** domains.
* Strong programming skills and development experience in **Java, J2EE, Web Services, Spring, Hibernate, Servlets, JSP, JSTL, JDBC, JavaScript, Java beans, XML, SOAP/REST.**
* Expert in **Core Java** with in-depth knowledge of Core Java concepts such as **Multithreading, Synchronization, Collections** and **Event/Exception** handling.
* Developed applications that consume and provide **REST/SOAP** **Web Services**
* Hands on experience on **integrating Spring with Hibernate** using various Spring modules like **MVC, JDBC,** **JMS, AOP, ORM, Spring Boot , Spring Data and Web services**.
* Implemented **Dependency Injection**, **cross cutting logics**, **persistence layer** using **Spring MVC Framework**.
* Worked on **Hibernate** framework and applied concepts like **Criteria**, **Projections** and **Cache** mechanism for **developing persistent layer** and to **implement database interactions.**
* Proficient in deploying applications using **Maven build** tool**, Jenkins Continuous integration** tool.
* Experience in **Front End** Development technologies like **HTML, CSS, JSP, jQuery, JSTL, JavaScript.**
* Proficient in designing **Use case and Interaction diagrams** in **UML** using **Rational Rose**.
* Extensive experience in **Object Oriented Analysis and Design** (OOAD) and **Object-Oriented Programming** (OOP) Technologies.
* Strong knowledge and Experience in using **J2EE design patterns** like **MVC, Singleton, Front Controller, Business Delegate, Service Locator and Data Access Object.**
* Expertise in using various Web and Application servers like **Apache Tomcat, WebSphere and WebLogic.**
* Extensive experience with databases such as **Oracle** and **MySQL, MongoDB.**
* Proficient in working with IDEs like **Eclipse, WSAD**, **RAD**, **Edit plus** and **NetBeans.**
* Hands on experience in writing **SQL, PL/SQL and Stored procedures**.
* Experience of using version control systems like **CVS, SVN, GIT**.
* Extensive experience in testing applications using **Junit, Mockito, Log4j**.
* Experience in **Agile Scrum** and **Waterfall** Project development methodologies.
* Possess **excellent communication skills** and can **handle responsibilities** independently as well as proactive team member. **Quick learner** and has ability to work in team also **finishes multitasks** within time.

**TECHNICAL SKILLS**

|  |  |
| --- | --- |
| **Languages** | Java 1.8, C, C++, SQL, PL/SQL, HTML, DHTML, CSS, JavaScript, XML |
| **JAVA/J2EE Technologies** | J2EE, JDBC, RMI, JSP, Servlets, JMS, JTA, JNDI, JSTL, Applets, Tiles, **Spring** Framework (**DI, MVC, AOP, Data**), **Hibernate, Web Services, SOAP, REST, Jersey, Spring REST, Spring Boot, Spring Data, Mockito.** |
| **Design Patterns** | MVC, Singleton, Front Controller, Business Delegate, Service Locator, Data Access Object, Factory and Abstract Factory |
| **IDE and Design Tools** | Eclipse, NetBeans, RAD, MS- Visio, Rational Rose, JIRA, JUnit, Log4j |
| **Application/Web Servers** | **Apache Tomcat, Web Logic, Web Sphere**, JBoss, WSDL, **REST**, UDDI, XML, **SOAP, Jersey, RabbitMQ, Zookeeper, Docker** |
| **Databases** | Oracle, MySQL, MS-SQL Server, DB2**,** MongoDB, Cassandra, MariaDB |
| **Operating Systems** | Windows XP/Vista/7/8, MacOS, UNIX, Red Hat Linux |
| **Others** | **Maven, Junit, Log4j**, CVS, TOAD, **Agile Scrum** & Waterfall SDLC, Test Driven Development Methodologies |

**PROFESSIONAL EXPERIENCE**

**Walmart INC., CA May 2020 – Till Now**

**Java/J2EE Developer**

**Description:** Walmart Inc. is an American multinational retail corporation that operates a chain of hypermarkets, discount department stores, and grocery stores. I worked on California Consumer Privacy Act (CCPA) for Walmart.

**Responsibilities:**

* Involved in the analysis, design, and development and testing phases of Software Development Lifecycle (SDLC).
* Used **JIRA** for issue tracking and project management of the applications.
* Worked on job related to **California Consumer Privacy Act (CCPA) like Access, opt-out and delete** customer records.
* Used **REST API** to fetch data for Access, opt-out and delete job.
* Used **OneOps** to manage the application life cycle.
* Used **Scala** to load the data from GCP hive table to Cassandra and vice versa.
* Created **Telementry Grafana** (MMS) Dashboard also created alert in the dashboard.
* Worked on creating Slack and E-mail alerts.
* Work on the Geo-fence, triggering the campaigns while customer are in certain mile radius from the store.
* Used **GCP** to run the applications.
* Used **Kafka messaging** service to pull the real time data to trigger Braze so that campaign could be send out to targeted customer.
* Pulled the data from Omniscient API to get the data of the real time like unique visit, revenue, numbers of order for a particular campaign.
* Worked in creating the automation frame work for the CCPA related work.
* Used Shell Bash script to load and retrive the data from hive tables and MySQL tables and to run various Spark job in background in **GCP**.
* Worked on the **Email Validation** job where we have use Kafka to get customer emails and call Experian API to validate the emails.
* Used **RabbitMQ** to make application to communicate and to create a Ninja Dashboard.
* Involved in the integration of **Spring Boot with Hibernate** for implementing **DI/IoC.**
* Involved in High Level Design and prepared Logical view of the Application.
* Implemented MVC pattern using the Spring Boot framework.
* Used Version Control Tool GIT.
* Used CI/CD tool.
* Worked on migration database from one cluster to another cluster.
* Used IntelliJ IDE for the development.
* Responsible for the development of database SQL queries.
* Used cloud technology like **GCP** and **Azure.**

**Environment:** Java, J2EE, Scala, Unix/Linux, Shell Script, JDBC, Spring Boot, JPA, Hibernate, REST, Kafka, Postman, SQL, Beeline, Hive, Cassandra, MariaDB, Hadoop, SQL Developer, Junit, JMeter, GCP, RabbitMQ, Docker, Zookeeper, Tomcat, OneOps.

**GAP INC, CA April 2018 – April 2020**

**Java/J2EE Developer**

**Description:** GAP Inc. (Retail store) is one of the world largest specialty retailers and respected brands in the apparel industry. It is a leading international specialty retailer offering clothing, accessories and personal care products for men, women, children and babies. I worked on online web application, which is to deliver the highest level of customer service found on the web. The system provides online shopping for customer developed using Java, J2EE and Restful technologies.

**Responsibilities:**

* Involved in the integration of **Spring with Hibernate** for implementing **DI/IoC**.
* Involved in the analysis, design, and development and testing phases of **Software Development Lifecycle** (SDLC).
* Worked on **Agile Methodology** to meet timelines with quality deliverables.
* Implemented the presentation layer using **Spring MVC** framework.
* Creating HTML Web pages utilizing JavaScript and CSS.
* Involved in High Level Design and prepared Logical view of the Application.
* Involved in designing and developing of Object Oriented methodologies using UML and created Use Case, Class, Sequence diagrams and also in complete development, testing & maintenance process of application.
* Implemented MVC pattern using the Spring framework.
* Involved in developing JSP pages and Actions and using Taglibs for the web tier and validating the client data using the JavaScript.
* Involved in development of Web Services using Axis Framework
* Created Data Source and deployed web application in the WebLogic application Server.
* Developed client user interface using JSPs and Servlets.
* Used Version Control Tool SVN to perform Checking-out and Checking-in of codes from the repository.
* Used ANT scripts to build, test and deploy application.
* Used Eclipse IDE for the development.
* Responsible for the development of database SQL queries.

**Environment:** Java, J2EE, Servlets, JSP, JDBC, Spring, Hibernate, SOAP, Web Services, SOAPUI, Apache Ant, Design Patterns, HTML, JavaScript, AJAX, XML, SQL, PL/SQL, SQL Developer, JUnit.

**Allied Telesis, San Jose, CA June 2017 – March 2018**

**Java/J2EE Developer**

**Description**: The Application is SPARS (Single Point Access Request System) is a web application for internal usage in whole-sale domain.  It is request processing central system to get access to multiple applications. The application has modules like Applications, Organization, Access, Reporting, User Management and Administration. The application is migrating old version, which is developed using Spring 4.0, Restful Web Services and refactoring the same business logic of the code to bring to new standards. The J2EE application is deployed to WebLogic Server on Linux Platform.

**Responsibilities:**

* Involved in **Agile Scrum methodology, Agile meeting, Sprint and Release Planning meetings.**
* Worked in **Multithreaded environment** and excessively used Java Threads, concurrency and exception handling.
* Designed and Coded **JEE** components using **Spring and Hibernate.**
* Analyzed and implemented the **Spring-MVC framework.**
* Used XML based transactional support of **Spring Framework.**
* Responsible for developing **Spring Controllers, Service Components and DAO using Hibernate framework.**
* Worked on Web Services using **SOAP and REST.** Worked both on Service and Client Side.
* Implemented Hibernate and replaced **JDBC code.**
* Deployment and Testing the services using **SOAP UI.**
* Developed White box test cases using **JUnit and Mockito framework.**
* Configured **Log4j** Mechanism for complete project using xml files.
* Create **Maven pom.xml** files and integrated with **Jenkins CI** worked closely with build engineers.
* Worked with **MySQL** database on Unix and Windows environment.
* Designed the application using **UML, Class Diagrams, Sequence diagrams and State diagrams.**
* Wrote **JUnit** tests to test all implementation. Set up code coverage tool for web applications to monitor the degree of source code being tested in different environments.
* Wrote builds and deployment scripts using **Maven.**
* Coordinated the efforts across different teams to ensure smooth progress of migration and to resolve any **issues.**
* Supported the application in production and worked on the incidents in a timely manner.
* Demonstrated the application to end user during scrum meeting and end of the release.
* Involved in resolving business and technical issues.

**Environment**:Java, J2EE, JSP, Spring (MVC, Core, Batch, IOC, AOP, DAO, ORM), SOAP, Restful Web services, Jersey, Hibernate, Servlets, JSTL, HTML, CSS, XML, Ajax, Java Script, jQuery, Log4j, JNDI, Maven, Jenkin, Java Beans, GIT, Junit, SQL/PLSQL, TOAD, WebSphere, Linux, Agile, Rally.

**Well Point, CA Sep 2016 – May 2017**

**Java Developer**

**Description:** The system provides online access to Members, Employers and Brokers regarding Patient Administration, Billing and Pharmacy Management functions for the hospital. The major functions are Member registration and Medical Record information, Pharmacy Information, Appointments, Handling Hospital Admissions, and Assigning Insurance Details for Billing, Recording Transfers within the hospital and Creation of Discharge Summary and Details. The system is developed using J2EE Technologies with Spring Framework and Hibernate Technologies.

**Responsibilities:**

* Followed **Scrum Agile** methodology for iterative development of the application.
* Involved in system design, enterprise application development using object-oriented analysis in JEE6.
* Developed API’s using **Spring , Spring MVC REST, Hibernate, Web Services technologies**
* Developed **Spring Controllers, Service Components, DAOs, Web Services**
* Implemented **DAO** using **Hibernate**, AOP & service layer using Spring, **MVC and Web Flow** design
* Used J2EE, JSP, Servlet, JSP, JDBC , **Spring**, **Hibernate** , **Web services**
* Expertise in software configuration management using **GIT** and **SVN**.
* Developed, Deployed and Consumed Enterprise wide **RESTFul** web services (**Using Spring MVC REST and Jersey frameworks)**
* Written **Queries** using **SQL and PL/SQL** in the application development process.
* Extracted data using **JSON format** in the development of the application.
* Configured **Log4j Mechanism** for complete project using xml files.
* Developed **JUnit** for Unit Testing & for Continuous Integration we used **Jenkin**
* Used **JIRA** for issue tracking and project management of the applications.
* Experience with Eclipse, **Maven** build and deployment process & application Development using **STS (Spring Tool Suite)**.
* Used **IBM WebSphere Application Server** in deploying the application
* Used **Git** version controlling to maintain project versions.

**Environment:** J2EE, Java Script, XML, HTML5, CSS3, JSP, JDBC, JSON, Spring MVC 4.0, Spring REST Template, Spring DI, Spring JDBC, Hibernate, RESTful Web Services, SOAP, SOAP UI, JUNIT, JSTL, Maven, GIT, UML, Eclipse 3.5, JUnit, Oracle11g, Linux, TDD, SQL Queries, PL/SQL Queries, SQL Server, JIRA.

**Fortunapix , Hyderabad, India Sep 2014 – April 2016**

**Java Developer**

**Description:** Developed an Application for schools to design their curriculum from the available library. In this system admin, Teachers and students are the main roles. In this system Admin designs the Library from the content available. At any instant of time dynamically he can add / update / delete the library items. Teacher can create the student user, and have the following module permission - Assign the Syllabus, Design the syllabus, Create the Assignment, Design the Assignment, Create the user, Create the group, Assign the Assignment to the selected users / groups, Conducts the Test to the selected users / groups, Create the events on Calendar, Assign the calendar events to the selected users / groups, Can perform the search for the desired content, Can view the reports of the selected user. Student can view the syllabus, which has been assigned to him, view the list of assignments which has been assigned to him, perform search operation for the content, add content as favorites, view his recent content, view his most viewed content, create the events in the calendar, view all the list of events from calendar, view his own reports, view his own usage report for Assignment and syllabus, send the feedback, send message to the selected users / groups.

**Responsibilities:**

* Involved in analysis and design phases of Software Development Life Cycle (**SDLC**/**Waterfall**).
* Developed, implemented and supported the J2EE based systems for the changes in requirements using **Agile** methodology, participated in **Scrum** meetings.
* Developed UML use-case, class, object, sequence, collaboration and activity diagrams using **UMLet**.
* Developed UI modules using **HTML, JSP, JavaScript** and **CSS.**
* Developed many **JSP** pages and JSTL Tags
* Wrote **object-oriented JavaScript** for transparent presentation of both client-and server-side **validation**.
* Involved in the integration of **Spring** for implementing Dependency Injection (**DI/IoC**).
* Developed code for obtaining bean references in **Spring** IoC framework.
* Primarily focused on the **spring** components such as **Dispatcher Servlets, Controllers, ModelandView Objects, View Resolver.**
* Developed API’s and Java Server Components using, **Spring MVC** and **Hibernate Frameworks**.
* Used **JIRA** for issue tracking and project management of the applications.
* Developed the application using **Eclipse as the IDE** and used eclipse standard/plug-in features for editing, debugging, compiling, formatting, build automation, test case template generation, mutator/accessor code generation, EJB template generation, and **subversion control (SVN).**
* Used **Core java** and **object oriented** concepts.
* Involved in the implementation of DAO using **Spring-Hibernate ORM**.
* Used **Hibernate**, object/relational-mapping (ORM) solution, technique of mapping data representation from MVC model to **Oracle Relational data model with a SQL-based schema**.
* Used **log4j, and Junit** for debugging and testing the system state.
* Wrote Stored Procedures using **PL/SQL** query language in **Oracle** database. Performed query optimization to achieve faster indexing and making the system more scalable.
* Created **tables, functions, stored-procedures, SQL queries, joins, integrity, constraints for Oracle database.**
* Used **Maven** as build tool and developed build file for compiling the code of creating WAR files.

**Environment:** JDK 1.6,JSP, JSTL,JavaScript, JPA/Hibernate, Spring, Spring MVC, CSS, Subversion, XML, JDBC , AJAX, jQuery, Eclipse 3.4,JIRA, Log4J, JUnit, ANT, Apache Tomcat, Oracle 10g, PL/SQL, Unix,scrum, agile, SQL Queries, PL/SQL Queries, SQL Server, MySQL Queries.

**Bajaj Allianz Life Insurance, India June 2012-August 2014**

**Java Developer**

**Description:** Bajaj Allianz Life Insurance offers a range of insurance products for financial planning and life insurance. All of them contain different terms depending on policy and pay benefit if anyone dies during the term and has protection for each premium. I also dealt with team leaders of various underwriting departments who needed help with reinsuring a form of non-proportional reinsurance that provides coverage for losses resulting from an accident or natural disaster involving more than one insured.

**Responsibilities**

* Used various Java, J2EE APIs including **JDBC**, **XML**, **Servlets** and **JSP**. Used **WS** and **SAAJ** for development of Web Services.
* Implemented **Singleton** design pattern for Database Logger.
* Wrote **SQL** queries for create, update, delete and display application’s stands.
* Working knowledge of application servers like **Apache Tomcat 6.0/5.0**, **JBoss** Server. Used **Ant** as build tool.
* Worked on the **JMS** to publish-subscribe the messages to interact with **Tibco** EMS.
* Designed and developed **servlets** and **JSP** for controller and view functionalities.
* Followed **Waterfall SDLC** Methodology, prepared exit and entrance criteria documents.

**Environment:** Java 7.0, J2EE, JSP, Servlet, Struts MVC, EJB, JNDI, JDBC, WebServices, UNIX, Oracle 9i, Web Logic Application server 9.0, Apache Tomcat 6.0, JMS 1.1, XML, Ant, Eclipse 3.2, Tibco EMS

**EDUCATION**

Bachelor in Information Management 2012, Nepal. (Tribhuwan University)