**Arun Thapa**

**Summary**

* **6+ Years** of Progressive experience in developing, deploying and maintenance of **Java/J2EE** applications and **Object Oriented Programming**.
* Skilled and experienced in all stages of **SDLC**, documenting requirements, developing project plans.
* Expertise in developing web applications using **Servlets, JSP, Struts, JSF, Spring Webflow and AJAX**.
* Experience in developing business components using **Servlets, Session, Entity and Message Driven Beans** and presentation layer using **JSTL, Custom tag libraries**.
* Used **EJB, JMS, JNI, JNDI and Java Mail** in Implementing J2EE technology.
* Strong experience in client side design and validations using **HTML, DHTML, XHTML, CSS and JavaScript**.
* Good Experience in implementing several object oriented design patterns such as **MVC, Front Controller, Business Delegate, Session Facade, Service Locator, DAO, DTO, Singleton, Object Factory and Composite View**.
* Knowledgeable in Shell scripting.
* Experience in implementing XML technologies **XML, Schema, XSLT and XPATH, DOM, JDOM, SAX, XSD**.
* Strong experience in application development using various frameworks such as **Java Server Faces, Spring Framework (1.3/2.0/3.0), Spring MVC, Hibernate 3.0 ORM**.
* Expertise in implementing **Service Oriented Architectures (SOA)** using XML based Web Service such as **SOAP, UDDI and WSDL**.
* Experience with databases such as **Oracle, MS SQL Server** for managing tables, views, functions, triggers and packages.
* Experience in using **ANT** and **Maven** for build automation
* Worked on different Operating Systems like **Windows 98/2k/NT/XP/7, UNIX, Linux**.
* Excellent communication and interpersonal skills.
* Strong research, analytical, computing skills.
* Ability to work independently and adapt quickly to emerging new technologies.
* Good team player

**SKILLS**

* **Languages**: Java, C, C++, Assembly,PL/SQL
* **Java/J2EE Technologies:** EJB 2.0/3.0, Struts, Servlets, JSP ,JMS
* **Web Development:** HTML, JavaScript, CSS, JQuery, AJAX
* **Frameworks:** Spring1.x/2.x/3.x, Hibernate, Struts1.x/2.x
* **Databases** : Oracle ,IBM DB2, MySQL
* **XML/WebServices:** XML, XSD, DOM, XML Beans, WSDL, SAX, UDDI, SOAP, REST
* **Tools**: Rational Software Architect (RSA ), Enterprise Architect(EA), Notepad++, MS SQL Server, Putty, SharePoint ,XML Spy
* **Operating Systems**: Windows 98/2k/NT/XP/7 , UNIX, Linux
* **IDEs:** Eclipse, NetBeans, Websphere Studio Application Developer (WSAD) ,
* **Testing and logging Frameworks** : JUnit, Log4j
* **Build Automation:** Ant, Maven

**Education**

* **Bachelor of Science in Computer Science , Kathmandu ,Nepal**

**Professional Experience**

**Client: Citizens Bank, Providence, RI Oct 2012-Present**

**Project: Online Account Management**

**Position: Java Developer**

Worked as a team as part of online account management which develops and maintains the citizenbank.com website .We also create new environments for citizen bank as per the client requests for testing with proper code base and fronted along with the database .Making sure that no issue causes the site for not working properly or any irregular data entry .Any issue which is caused will be resolved by the team. Responsibilities include gathering the requirements from the Client, estimate the delivery time, create the environment, test it and then support the environment which covers all the SDLC activities.

**Responsibilities:**

* Responsible in complete software development life cycle (SDLC) as well as in Agile/Scrum. Tasks includes **requirements gathering, analysis, design, coding , testing, review and production support**
* Used multiple tools such as **Rational Software Architect(RSA), Websphere Studio application Developer(WSAD), Putty** in the software development process
* Designed and developed a web application (Dashboard) which displays the status (whether the service is up or down, what is the current process, etc.) of all the various interfaces and applications the environment is interacting to on a regular interval.
* Designed front end user interfaces based on the Users, Roles and Permissions using JSP 2.1, HTML, JSTL, Ajax
* Responsible for implementing Transaction services, Reports and Customer Relationship modules. Primarily worked on creating different controllers, proxy services, Services layers and Data Access layers .
* Developed JSP pages with **MVC architecture** using **Spring MVC**, **Servlets** and simple tags.
* Used **Spring validation** in the presentation layer, heavily used jstl tag library, created common **Jquery** function library for the synchronous and asynchronous Ajax calls.
* Developed and design 30 different types of reports based on different filter critera like data ranges, report types, time based(schedule, on window). And also able to implement report in 3 major types i.e. xls using apache poi, itext for the pdf and html using spring jsp view resolver.
* Extensively used **Hibernate** along with **core java** in data access layers to access and update information in the database.
* Used **WSDL** and **SOAP** messages for getting credit card information and address verification and authentication and authorization.
* Created the **Dao layer** using hibernate to perform the basic **CRUD** operation in the resources but used spring jdbc template to call store procedures. developed store procedures and function.
* Used **Maven** as build tools but still used **Ant** using **maven-antrun plugin**.
* Involved in **Unit Testing, Integration Testing** and **user acceptance testing.**
* Monitored the error logs using **Log4j** and fixed the problems
* Did code reviews to identify and fix potential bugs.
* Documented the processes followed in the project.

**Tools/Technologies:** Java1.7, Spring 3.x, Hibernate 4.x, JavaScript, JQuery, Ajax, HTML/HTML5, CSS, Putty, Eclipse 3.5, JUnit 4.5, Websphere6.0, log4j, Maven, Ant, tomcat 6.x, Hudson, Sonatype, Rally, HP Quality Center, SVN, Adobe CQ5.

**Client: Kraft Foods Company, Deerfield, Illinois Feb 2009-Oct 2012**

**Project: KWIC**

**Position: Java/J2EE Developer**

The business objective of the project is to provide technological support to KWIC application. It also provides Incident management, Enhancements and cross-team coordination. Kraft Warehouse and Inventory Control Systems(KWIC) is an application used to manage the warehouse related activities like managing locations, reporting ,and inventory management, inbound receiving , outbound shipping , picking, order completion, shipment completion etc. This project involved in technical support for the existing applications along with major and minor enhancements which involves design, build, testing and implementation.

**Responsibilities:**

* My responsibilities included **Development, Testing, Production Support, Maintenance, Team Co-ordination, Knowledge Management, and Client Management.**
* Responsible for **Customer** and **User management modules.**
* Voluntarily took additional responsibilities when needed
* Developed the **KWIC** application using core JAVA, J2EE, core Spring, Spring MVC, Hibernate, HTML, CSS, JSP, WSAD, Oracle, PL/SQL Developer.
* developed JSP Pages with MVC architecture using Spring MVC, Servlets and Simple tags
* Create **Spring** **Controller** classes for handling incoming request and forwarding to the next pages, wrote **service** layer for handling business logic using core Java along with spring.
* Wrote Spring configuration files for the beans defined and properties to be injected into them using spring's Dependency Injection.
* Used **Spring MVC** for loading database configuration and hibernate mapping files , created data source instance for instantiating **Hibernate DAO** support's session factory object.
* Used **Spring Validator** to validate user input
* Spring Dependency injection was used for wiring with beans.
* **Hibernate** was used for **Object Relational Mapping**
* extensively used **Hibernate** in the **access layer** to access and update information in the database
* Involved in the database retrieval and connections establishment to the **Oracle 10g Database**
* **Designed** various **tables** required for the project in **Oracle database** and used the **Stored procedures** in the application
* Implemented **Custom Caching** objects to help efficient search instead of communicating with the database at every instance**.**
* **Build** and **Used** **Web Services** components (**SOAP, WSDL, UDDI**) to communicate between the system and shipment providing company for address verification and shipping rate determination.
* Was a key member of one of the 5 members of the **Knowledge Management Core Team** with regular activities going on in the entire Kraft Project
* **Maven** build tool was used building and managing our project.
* **Log4j** was used to identify the problems
* Used **SVN** for version control

**Tools/Technologies:** Core Java, J2EE, Spring2.5, Hibrernate3.0, Webservices, JavaScript, HTML, CSS, WSAD, RSA, Eclipse, Pl/SQL Developer, Oracle 10g, SVN, Maven, Log4j

**Client: Walmart, Arkansas Oct 2008-Dec 2008**

**Project: Samsclub application**

**Position: Java Developer**

This Project deals with all the phases of SDLC activities .It is mainly about developing the Samsclub application of Walmart. It consists of two components: Store Front and Admin Console. The store front consists of the website accessible by customers to purchase products and admin console consists of a password protected area to manage products, review customer orders and manage roles.

**Responsibilities**:

* Responsible in *Clients Logins* and *Billing/Updating* modules of the Application.
* Documented the **use cases**, **class diagrams** and **sequence diagrams** using **Rational Rose**.
* Implemented **Model View Controller (MVC-2)** architecture Using **Jakarta Struts framework** at the Web tier level to isolate each layer of the application to avoid the complexity of integration and easy maintenance.
* Created **Action Class** which route submittals to appropriate **Enterprise Java Bean (EJB)** components and render retrieved information.
* Developed user interface using **JSP, JSTL, Struts Tags, Java Script** and **HTML**.
* Developed various **EJB components** to fulfill the business functionality.
* Developed **Session Beans** to process requests from the user and used the **Hibernate** **framework** to retrieve and persist client information.
* Used **Web Services** and **SAX XML parsers** and used **SOAP** for sending and receiving data from different applications.
* Used **JMS** to asynchronously exchange messages between the **Websphere Application Server** and other applications.
* Developed **Message Driven Beans** to use the **JMS** Queue to communicate between the current and the legacy systems.
* Used **Java/J2EE Design patterns** like **Business Delegate, Session Façade** and **Service Locator** in the project which facilitates clean distribution of roles and responsibilities across various layers of processing.
* Performed database operations and queries using **DB2**.
* Extensively used **WSAD 5.1.2** for writing code.
* Used **Log4j** for logging and debugging and used **JUnit** extensively for testing.
* Used **WebSphere Application Server** for deploying various components of application.
* **CVS** was used for version control.

**Environment:** J2EE, IBM WebSphere App server, Rational Rose, Java, XML, SAX, JSP, JMS, HTML, JNDI, JDBC, JavaScript, OOA, OOD, Servlets, Struts, CVS, Log4j, JUnit, EJB 2.0, Hibernate 2.x , PL/SQL, DB2, Linux.

**Client: System Analysis and Software Solution Pvt. Ltd. Dec 2006- July 2008**

**Kathmandu, Nepal**

**Project: Employee Payroll System**

**Position: Java Developer**

The goal of this project is to develop Employee Payroll application that contains all the necessary items needed. It covers all the administrative and management functions in a payroll .Employee Payroll is J2EE based application using Struts framework which is on MVC architecture.

**Responsibilities:**

* Involved in **requirements gathering, analysis and design** of **Employee Payroll application**.
* **Designed** and **developed** the front end for the information module using **JSP, Servlets, HTML, JavaScript and CSS.**
* Developed **UML** use case diagrams using **Rational Software Architect**
* Worked with the collection framework like **Map, Iterator and List.**
* Involved in design and building client-side user interfaces using HTML ,CSS ,JSP and JSTL
* **Servlets** are used to service requests from UI to manipulate Business Objects and invoke respective action classes for making database updates.
* Used JavaScript, JQuery, and AJAX features for populating the end result in web pages dynamically and also for auto completion and validation of the user entered data in the forms.
* Involved in the installation of **Tomcat, Apache servers, Eclipse** and **Ant** setup for building and development.
* Involved in writing complex SQL code for accessing the Oracle Database.
* Unit testing was performed using **JUnit** and Version control through **SVN**.

**Environment:** JDK1, JSP, JUnit, Servlets, HTML, JQuery, JavaScript, Apache Tomcat Web Server, Struts1.2.9, MS SQL Server, Windows XP, Linux, SVN1.4.0, Eclipse. ,JUnit, SVN

**References:**

Available upon request.