**PREETI**

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**SUMMARY OF EXPERIENCE**

* Around 7 years of experience in analysis, design, development and implementation of web based, Client/Server and n-tier distributed applications using software development methodologies / frameworks like **SDLC, OOAD, RUP and AGILE**
* Expertise in various **JAVA/J2EE** technologies such as **JSP Servlets Struts 2.0, Hibernate 3.2,Spring, JDBC, JNDI and Web Services**
* Experience in **Oracle, Microsoft SQL Server 2000, Microsoft Office Access 2003, SQL, PL/SQL, MySQL, ODBC, TOAD, SQL Developer, Triggers, and Stored procedures.**
* Extensive experience in web application development, testing and deployment using **IBM WSAD 7.x, RAD 7.0, Eclipse 3.x.**
* Extensively worked with **Unified Modeling Tools (UML)** in designing Use Cases, Activity flow diagram, Class diagrams, Sequence and Object Diagrams using Rational Rose, MS-Visio
* Experience in using design patterns like Singleton, MVC, Factory in the development of Multi-tier Enterprise Applications.
* Expertise in designing web based Graphical User Interfaces with **CSS, JavaScript, J-Query, AJAX, DHTML and HTML**.
* Proficient in various Web based technologies like **HTML, XML, JavaScript and AJAX**.
* Experience in implementing **Service Oriented Architectures (SOA)** using XML based Web Services **(SOAP/ WSDL) using AXIS**.
* Experience in writing **XML DTD** and Schema, validating XML documents and parsing XML documents using parsers like **SAX, DOM, JAXB**.
* Expertise in unit testing using **JUNIT**. Experience in error logging and debugging using Log4J.
* Strong experience in creating/reviewing of data models that are created in RDBMS like Oracle, DB2 databases.
* Experience in working with **Reporting tool SSRS** for various reports used to be loaded to a web application.
* Extensively used **Waterfall** and **Agile** (Scrum) for development.
* Excellent knowledge of working on Unix/Linux environments. Proficient in writing **Shell Scripts**
* Exposure to other application server **WebLogic Server 10.3, JBOSS 6.1 and web server Apache Tomcat 7.0**
* Strong experience in using various tools like **SQL IDEs TOAD, Oracle SQL Developer and XML validations** using **Altova XML Spy**.
* Experience working with versioning tools like **CVS and Clear Case**.
* Experience in writing **MS-Unit test cases** to test the Libraries/Components
* Worked on Software configuration tool **SonarQube**.
* Possess good verbal and communication skills and highly motivated with the ability to work independently or as an integral part of a team, and committed to highest level of professional and personal excellence.
* Experienced in build tools such as **ANT and Maven**.

**TECHNICAL SKILLS**

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| --- | --- |
| **J2EE Technologies:** | Servlets, JSP, MVC, JDBC 2.0/3.0, JNDI, RMI, JMS |
| **Frameworks:** | Jakarta Struts Framework 2.0, Hibernate 3.0/3.1/3.2, EJB, J2EE Design Patterns, spring 2.5/3.0, JUnit, LOG4J, Java Mail API |
| **Languages:** | Java, J2EE, C, SQL, PL/SQL, MSSQL, |
| **XML Technologies:** | XML, XSL, XSLT, SAX, DOM, JAXB, SOAP, WSDL |
| **Web Technologies:** | JavaScript, CSS, HTML, DHTML, AJAX, JQuery |
| **Databases:** | Oracle 10g/11g, SQL Server, DB2 , UDB, MS Access |
| **IDE Tools:** | RAD 6.0/7.0,WSAD 5.1.2, Eclipse 3.x, NetBeans 5.0/5.5, MS Project, MS Office |
| **Tools:** | MS Visio, TOAD, Altova XML Spy, Oracle SQL Developer, ANT, UML, SonarQube |
| **Version Control Tools:** | CVS, Clear Case, MS Visual Source Safe(VSS), SVN, Team Foundation Server, Star Team |
| **Web/Application Servers:** | Bea WebLogic 10.3, JBOSS 6.1, Apache Tomcat 7.0 |
| **Operating System** | Windows 98/2000/XP/Vista, Server 2003 |

**EDUCATION**

Bachelor of Engineering (Computer Science & Engineering)

**PROFESSIONAL EXPERIENCE**

**Shiro Technologies Inc, Dallas TX**

**Project: Credit Acquisition System**

**Sept 2013 - Present**

**Role: Java J2EE Developer**

Credit Acquisition System is an automated multi application system used by Bank of America which can be used on different platforms. C**redit management solution available in Software-as-a-Service (SaaS) Model,** enabling prompt and accurate processing of loan and credit card applications to clients throughout the USA. This project consists of the modules such as Cards, Loan Processing, Credit Risk Management, Finance and Regulatory.

**Roles and Responsibilities**

* Involved in the analysis, design, and development and testing phases of **Software Development Lifecycle (SDLC).**
* Designed Use **Case Diagrams, Class Diagrams**, **Sequence Diagrams** and **Object Diagrams** using to model the detail design of the application.
* Used **Spring 2.5 Framework** to support the Hibernate tool.
* Deployed the applications on **Web logic 9.0** Application Server.
* Wrote **JAXB XML** parsers for **XML Schema** Validation and used **SOAP** for sending and getting data from different applications.
* Extensively used **Hibernate 3.0** in data access layer to access and update information in the database.
* Used **XSLT** to transform my XML data structure into HTML pages.
* Used XML Web Services using SOAP to transfer information to the Credit Monitoring Systems.
* Used **CV**S for version control across common source code used by developers.
* Configuring and running batch jobs using BMC Control-M server/job distribution system, developing **shell scripts** for these tasks.
* Developed JUnit test cases for all the developed modules.
* Used **Maven** for building the application.
* Monitored the error logs using Log4J and fixing the problems.
* Logging of incidents reported by clients and tracking them to closure using **Jira**.
* Active Team member in a 10 member global **agile** development team.
* Responsible for dynamic integration of **REST** services on client side.
* Implemented **AJAX** Controls by sending data in common formats like **XML**.
* Responsible for owner for Data Quality and Refdata management modules.
* Involved in database work to create **tables, functions** and **stored procedures** using **SQL Server 2008R2**.
* Analyze application SQL for performance improvement opportunities and work with DB2 support on problems and questions.
* Used **CSS, Ajax Control Toolkit, and JQuery2.0** for effective UI richness.
* Creating Web apps using JSP, Spring MVC, jQuery, **AngularJS**, **GWT** on Tomcat/Apache server
* Configuring and deploying application on **IIS** and other release management activities.
* Responsible for Unit testing with 95% code coverage.
* Created test plans and performed **NUnit** on the application.
* Worked on Software configuration tool **SonarQube**.

**Environment:** J2EE 1.7, JSP 2.0, JMS 1.1, XML, SOAP, JSE, WSDL, JAXB, Log4j, JUnit,MVC 3.0, REST, AJAX, WCF, Java Script, JQuery 2.0, Agile, Partial type scripting, Dev express controls, HTML5, XML, IIS, NUnit, Oracle 10g, SQL Server 2008R2, TFS 2010, SVN, Site minder, SonarQube, WebLogic 9.0, Web Services, Hibernate 3.0, Spring 2.5, Maven, JavaScript, HTML, CVS, Oracle 10g, PL/SQL, CVS, Windows XP.

**Client: Telecom**

**Project: Engineering Systems**

**Jun 2012–July 2013**

**Java/J2EE Developer**

The Vendor Response Form (VRF) is used as a communication tool between **Telecom Transport Engineer** and **Cluster Vendor** to provide a firm price quote on a transport job. It is a role-based application. Every user of this application has a role assigned. All the tasks and privileges are set according to the role of the user. User can have one of the following roles

* Super Admin,
* User Admin,
* Transport Engineer,
* Cluster Vendor.

**Roles and Responsibilities**

* Implemented the system using **AgileDevelopment methodology.**
* Used **spring** framework with **Hibernate** in **My Eclipse** IDE and **Oracle 11g** as back-end.
* Communicated with AT&T preferred vendors applications using**Web Services**with the help of**SOAP**and**WSDL**.
* Analyze application SQL for performance improvement opportunities and work with DB2 support on problems and questions.
* Implemented the project by using**Spring Web MVC**framework.
* Was involved in the implementation of**User Interfaces.**
* Configured the project in**Linux**environment.
* Was involved in writing complex SQL queries**.** Tested project using **JUnit** unit testing framework.
* Developed ADT RE(Reverse Engineering) tool
* Development, performance monitoring and tuning for **UDB** 8.1/8.2 versions
* Developed an application prototype for an early-stage startup (health-care related venture)
* Designed and developed components for Amdocs Data Type (ADT) backend engine for value- objects which is successfully deployed and used by all developers across Amdocs product line
* Developed **JSPs**, **Servlets** with **HTML, DHTML, CSS** using **spring** framework for different modules for the interaction of user interfaces.
* Was involved in the design and development of**Presentation Tier**using**JSP, HTML, DHTML, XHTML CSS and JavaScript and Ajax.**
* Configured and deployed the project in **Tomcat application server.**
* Prepared **shell scripts.**
* Used **Maven** for building the application. Used **CVS** for code management.

**Environment**J2EE/Java technologies, XML, SOAP, Web Services, Eclipse, LAMP environment, XML, SOAP, SQL stored procedure, ADT engine, ADT Reverse Engineering tool, Application Prototype Apache, Lucene, Tomcat, Linux, MySQL, AWS.

**ICICI Bank, Bombay, India**

**Jan 2011 – Feb 2012**

**Java Developer**

**Description**: Banking Applications include two major components for a complete automation: Banking Processes and Online Banking Application. Banking Processes computerizes all business processes. It allows the employees of bank to carry out daily transactions (managing deposits and withdrawals, handling checks and drafts, etc.) as well as to generate reports for different purposes. Online Banking Application gives customers an online access to their accounts and other services as well as administration. It includes managing accounts online, generating reports and statements, transferring money between checking and savings accounts, etc. The Banking Application is developed using JFC/Swing and the Online Banking. Application is developed using Servlets/JSPs hosted on Tomcat. Both applications use MS SQL Server 2000 as a database for all operations.

**Responsibilities:**

* Worked closely with business analysis team to understand the existing Banking Application developed.
* Designed a new Banking Application (**prepared Uses Cases, Sequence Diagrams, Class Diagrams,etc.**)
* Designed a database to be used by the Banking Applications (prepared ER Diagrams)
* Developed modules for managing checking and savings accounts, transactions as well as users of the system using **JFC/Swing, Collections API**
* Used **JDBC to interact with the database**
* Installation of **DB2 UDB** EE and Fixpacks on UNIX and Windows machines.
* Developed Test Cases and performed Unit Testing
* Designed **HTML, DHTML, CSS, JavaScript** components of the user interface
* Used JDBC in various Servlets to interact with the database
* Configured **Tomcat**
* Created a database to be used by the Online Banking Application
* Provided production support

**Environment:** Windows NT 4.0/98, Java 1.3 (JFC/Swing, Collections, JDBC), MS SQL Server 2000,JUnit, HTML, DHTML, CSS, JavaScript, J2EE 1.3 (Servlet, JSP, JDBC), Ant, Tomcat 3.x, Windows 2000

**Global Bank, Hyderabad, India**

**Role: Application Programmer**

**May 2009 – Nov 2010**

**Project Description:** PayPack is an application which involves calculation of Pay packages for Employees going out on Assignments to any part of the world. This Application has various modules including Core UI, Core Components, Pay Staging, Cost Projection, Imports-Exports and Allowances**.**

**Responsibilities:**

* Involved in the analysis, design and development phases of the Software Development Life Cycle (SDLC).
* Used Rational Rose to generated Use case diagrams, Class diagrams and Sequence diagrams that modeled the design details of the application.
* Developed UI screens using JSP, Struts tags and HTML.
* Used Jakarta Struts Framework, based on the Model View Controller 2 architecture, for rapid application development and ease of maintenance.
* Used Validation framework for client-side validation and Internationalization to support multiple languages.
* Implemented several design patterns such as Business Delegate, MVC, Singleton and Factory to resolve the most common design issues.
* Encryption and Decryption using symmetric keys.
* Password encryption and Decryption and making it more sure.
* Implemented SQL queries and Stored procedures for Oracle9i database.
* Used XML parser APIs like DOM for marshaling and unmarshalling of data
* Used MyEclipse for writing JSPs, Struts, EJBs, and other java code snippets.
* Used JUnit framework for Unit testing of application and Clear Case for version control.
* Built application using ANT and used Log4J to generate log files for the application.

**Environment:** Java , J2EE , JSP 2.0, Struts 1.1 , Apache Tomcat, EJB , Servlet, JNDI, JMS, Oracle 9i, HTML, XML Web Services, MyEclipse, SOAP, JUnit, ANT, Rational Rose , LOG4J, Clear Case.

**HCL, Pune, India**

**Role: Programmer**

**Dec 2008 – Mar 2009**

**Project Description:** Shopping Cart

**Responsibilities:**

* Involved in the analysis, design and development phases of the Software Development Life Cycle (SDLC).
* Used Rational Rose to generated Use case diagrams, Class diagrams and Sequence diagrams that modeled the design details of the application.
* Developed UI screens using JSP, Struts tags and HTML.
* Used Jakarta Struts Framework, based on the Model View Controller 2 architecture, for rapid application development and ease of maintenance.
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**Environment:** Java , J2EE , JSP 2.0, Struts 1.1 , Apache Tomcat, EJB , Servlet, JNDI, JMS, Oracle 9i, HTML, XML Web Services, MyEclipse, SOAP, JUnit, ANT, Rational Rose , LOG4J, Clear Case.