**Nischal Tripuraneni**

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**SUMMARY:**

* Highly motivated IT professional, 7+ years of experience in development and implementation of customized software and web-based applications.
* Experience in the field of **Software Development** as Developer. Expertise in full Software Development Life Cycle (SDLC) including **Software Architecture, Object Oriented programming, Designing & Prototyping.**
* Actively involved in each phase of **Software Development Life cycle (SDLC)** Requirements, Design, Implementation, and Testing during the development of the application.
* Experienced in design and development of various web and enterprise applications using J2EE technologies like **JSP**, **Servlets**, **JSF**, **EJB**, **JDBC**, **Hibernate**, and **spring**, JPA, XML, JAXB, JSTL, JAX-WS, AJAX, ANT and **Web Services** (SOAP, REST).
* Involved in various phases of **Software Development Life Cycle** (SDLC).
* Involved in mentoring team members functionally and technically, fixing Production defects, and demo thebusiness value stories to the Customer.
* Involved in analysis, design and development of the application and developed specsthat include Use Cases, Class Diagrams, Sequence Diagrams and Activity Diagrams. Developed multi-tiered object-oriented system architectures utilizing **Use cases**, **UML** diagrams and **Together Soft.** Have a good Exposure in **Production support** activities.
* Involved in all phases of software development life cycle with Analysis, Design, Development, Integration, Implementation, Maintenance, Debugging, Reports, Testing, Production and Support of Software Applications in client server environment, Object Oriented Technology and Web based applications.
* Implementation knowledge of Distributed Enterprise applications using **Java, J2EE. (JSP, Servlets, Java Beans, XML, Core Java, Struts, JDBC, Hibernate, spring, Html).**
* Experience in developing light weight business component and integrated applications using **spring** framework, **spring web MVC** using features like **IOC** and configuring application context for spring bean factor.
* Wrote various Struts framework Action classes for interfacing with the business logic, form beans forpresenting the data to **JSPs**.
* Worked extensively on **UML**, **XML**, **SOAP**, **HTML** and **DHTML**.
* Used XML **Web Services** using **SOAP** to transfer the amount to transfer application that is remote andglobal to different financial institutions.
* Developed **struts** action, form beans, business object and adapter components for the controller and modellayers of the MVC pattern.
* Extensively used **XML Web Services** for transferring/retrieving data between different providers.
* Extensively involved in developing **Restful Webservices**which were exposed to cornerstonepower builder product.
* Sound RDBMS concepts and extensively worked with **Oracle 9i/8i, DB2, SQL Server 7.0/6.5, MS Access.** Familiar with designing and coding **stored procedures** and **Functions** using PL/SQL. Extensively worked with Oracle database, created and worked with various database objects like Packages, Stored Procedures, Functions, Triggers, Views, Materialized Views, dblinks, external tables, etc. Developed SQL scripts and control files for loading data using PL/SQL and written complex queries togenerate feeds. Involved in Java and PL/SQL code reviews.
* Highly skilled in developing **multithreaded** and **socket** based applications in **Java** and familiar with **TCP/IP, UDP** protocols. Hands on experience with **UNIX Shell Scripting**.

**Technical Skills:**

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| **Operating System** | Windows NT/2000/XP, UNIX. |
| **Programming Languages** | C,C++,JAVA, SQL, PL/SQL,PHP |
| **J2EE Technologies** | Servlets, JSP, JDBC, JSTL, JSF, Spring, Hibernate, Struts, EJB, Web Services, RMI, JNDI |
| **Modeling Language** | UML, RUP, Together Soft 6.0 |
| **Web/Application Servers** | Apache TOMCAT 6.x/7, Web logic 8.x/9.x/10.x/11.g, IBM Web Sphere 6.x/7.x/8.x, JBoss 6.x/7.x |
| **Web Technologies** | HTML5, XML, XHTML, JavaScript, DHTML, CSS, XSL, XSLT, SOAP, WSDL, SAX, DOM, Ajax, JSON |
| **IDE** | Eclipse, RAD 7.0/6.0, WSAD, JBuilder, Oracle JDeveloper 10g |
| **Databases** | Oracle 8i/9i/10g, MySQL 4.x/5. |
| **Configuration Tools** | JUnit, Log4j, Rational Rose, CVS, SVN, ANT, MAVEN |
| **Application Frameworks** | Struts, JSF, Spring MVC, Hibernate |

**Professional Experience:**

**Client: Chelsio Communications, Sunnyvale, CA** June’2014 - Present

**Role: Sr. Java/J2EE Developer**

**Responsibilities**:

* Using Agile/Scrum based project management methodologies, worked with both small and large project teams.
* Actively participated in Object Oriented Analysis & Design sessions of the Project, which is based on MVC 2 Architecture using Spring Framework.
* Involved in Design, Development and Support phases of Software Development Life Cycle (SDLC). Used **AGILE methodology** and participated in SCRUM meetings.
* Designed the system based on Spring MVC Model architecture. Developed a business logic layer using **Spring** Framework and integrated **Hibernate**.
* Designed Java components and integrated using **spring framework** for Hibernate Object/Relationalpersistence mechanism.
* Used View Resolvers and spring form tag library in **JSP** for rendering view part in Spring MVC.Primarily focused on the spring components such as Dispatcher **Servlets**, Controllers, andModelandView Objects.
* Involved in migration of project from **spring**, **Hibernate**, **SQL Server** based framework for JDBC, Oraclebased framework.
* Involved in the integration of spring for implementing **Dependency Injection** (DI/IoC).
* Used spring Object relational mapping (ORM) and hibernate for persistence in Oracle, created DAO's. Implemented ORM **Hibernate framework**, for interacting with Data Base. Developed build Scripts using Maven to build and deploy the application.
* Used **Hibernate ORM** for persistence management, written **CRUD** and **HQL** based queries to retrieveand render the data. Created various Finder, Mapper and domain classes to retrieve and persist the data using **Hibernate**.
* Consumed **Web Services** for transferring data between different applications.
* Worked on publishing and testing the **web services(JAX-WS)** and interacting with the internal teams who consumed the web services.
* Used Soap based Spring **Web services** for transferring data between applications
* Involved in coding of **Servlets and EJB communication.**
* Developing the RMS application to maximize the revenue by forecasting the demand based on the statistics.
* Responsible for developing DAO layer using Spring MVC and configuration XML’s for **Hibernate**.
* Developed **server-side services** using Java, **spring**, **Web Services** (SOAP, WSDL).
* Consumed **Web services** for transferring data between different applications. Experienced with SOAP/WSDL. Extensively used XML **Web Services** for transferring/retrieving data between different providers.
* Extensively involved in developing Restful **Webservices** which were exposed to cornerstone power builder product.
* Worked on generating the **Web services** classes by using Service Oriented Architecture SOA, **WSDL, UDDI,**and **SOAP**.
* Involved in developing **JDBCDAOs** and **DTOs**, writing **Hibernate HQL queries, PL/SQL** stored procedures.
* Used **Spring** Framework for Dependency injection, and integrated with the **Hibernate** framework.
* Actively involved in writing complex named queries, mapping persistent classes and managing theassociations in the mapping files. Involved in creating various **Data Access Objects** (DAO) for addition, modification anddeletion of records using various specification files.
* Conduct daily status meeting with offshore and client team and document the project status. Implemented several design patterns like Singleton, Factory, Front controller.
* Developed JMS components to send messages from one application to other application. Deployed the application in the **WebLogic** application server.
* Logging framework Log4J is used for log messages. Implemented log4j for application logging and to troubleshoot issues in debug mode
* Participated in the technical code reviews, prepared unit test cases, detailed time estimation, traceability matrix, and impact analysis and code review documents.

**Environment**: **Java 7.0, JSP, Servlets, Spring, JSF, Eclipse, EJB 3.1, Hibernate, Ajax, XML, HTML, CSS, CVS, JavaScript, Tomcat, SQL Server 2008, JUnit, Web Services, JAX-WS, SAX, DOM and Windows Environment.**

**Client:Williams Companies, Tulsa, OK** July’2013 – May’2014

**Role: Sr Java/J2EE Developer**

**Responsibilities:**

* Involved in **SCRUM** process of **AGILE** methodology in Requirement gathering, Design, Analysis and Code development through iterations.
* CEO GPS is developed using **MVC** Architecture and built on **Struts Framework.**
* Used the **Struts**validationand **Tiles** Framework in the presentation layer.
* Identified **action forms** and **action classes**, based on struts framework, to handle pages.
* Developed struts action, form beans, business object and adapter components for the controller and model layers of the MVC pattern.
* Used **Struts** Validation Framework for validating front end forms.
* Developed the application using **Struts** Framework that leverages classical Model View Layer(MVC) architecture.
* Developed the application using **Struts** Framework, developed action classes, form beans andStruts-Tiles**.**
* Implemented Rest API and deployed the **Web Services** using **WebSphere** Server.
* Worked on publishing and testing the **Web Services(JAX-WS)** and interacting with the internal teams who consumed theweb services.
* Wrote and consumed **Web Services** using **SOAP, WSDL** and published it on WebLogic Application Server.
* Developed business validation scripts for the **UI** using Forms and **validation.xml** struts components.
* Used Spring IOC to manage application bean life cycle, integrated spring with struts and also **JSF** is integrated with **Hibernate**.
* Developed **DAO's** (Data Access Objects) and performed **O/R mapping** using **Hibernate** to access the database.
* Created and configured **Hibernate** annotations, performed persistent logic using HQL (Hibernate Query Language).
* Involved in writing **Session beans**, **Message drivenbeans** and **Hibernate** mapping files.
* Extensively involved in developing front end dashboard components using **JSP's, HTML**, **DHTML**, **CSS** and **JavaScript.**
* Created and Maintained open-source **Java Server Faces (JSF)** by using Apache MyFaces. Used JSF to build application to create a page structure by arraigning JSF components in tree.
* Implemented the application using the concrete principles laid down by several design patterns such as **Data Transfer Object, Business Object, Factory, Singleton,** and **Data Access Object.**
* Involved in writing complex queries and Stored Procedures **Oracle 10g** database. Written **HQL queries** to access the data from the database.
* Used and developed Service Locator pattern which delegates the **Web services** for certain resources and Singleton pattern.
* Used **WebServices-WSDL** and **REST.**
* Used **Hibernate** as the ORM tool to communicate with the database.
* Used **Hibernate** (persistence framework) to implement the Database Access layer.
* Designed **Data model** and Implemented **Database Interactions** using **SQL and JDBC**.
* Deployed XML based **Web services** for generating the status report of payments. Extensively involved in developing Restful **Web services** which were exposed to cornerstonepower builder product.
* Exposed various capabilities as **Web Services** using SOAP/WSDL.
* Used **Hibernate** extensively to persist the data into the **Oracle10g** database.
* Developed **JUnit** test cases for all the developed modules.
* Used **CVS** for version control. Used **Log4J** to capture the log that includes run time exceptions.
* Developed application using WebSphereIntegrationDeveloperas IDE and deployed it on WebSphere Application Server.

**Environment:Java 6.0, RAD 7.0, JSF, Spring 2.5, DOM, HTML, CSS, JavaScript, Ajax, Struts, Web Services, JAXB, DB2, IBM UDB 8, EJB 3.0, XML, ANT, JDBC, Web Sphere 6.1, Hibernate, JPA, Z/OS, Rational Clear Case, Log4J, JUnit,**

**Client: Wright Express, Portland, ME** Sep’2012 – June’2013

**Role: Java/J2EE Developer**

**Responsibilities:**

* Involved in **Analysis**, **Design** and **Development** of Insurance plans using **AgileScrumMethodology**.
* Deployed the applications on IBM Web Sphere Application Server.
* Used **DB2** as backend data base.
* Involved in the **Bugfixing** of various applications reported by the testing teams in the application during the integration and used **Bugzilla** for the bug tracking.
* Used **TortoiseCVS** as version control across common source code used by developers.
* Developed user interface using **Struts Tiles Framework, JSP, HTML, XHTML** and **Java Script** to simplify the complexities of the application.
* Used **Ajax** for intensive user operations and client-side validations.
* Check, identify and design for the effective changes in the backend service.
* Developed and designed the front end using **XML**, **XSLT**, **HTML**, and **CSS**.
* Main code changes were done in **JSP**, **JQuery**, and **AJAX** and **JavaScript** environment.
* Migrated UI screens from JSP to JSF2 using with third party library Prime faces.
* Implemented **JSF** bases custom validators for UI components.
* Performed client side as well as Server side Validations using **Java Script** and **Spring Validation**.
* Developed application service components and **configured beans** using **Spring IoC**,creation of **Hibernate mapping files** and generation of database schema.
* Used **Web Services** for creating rate summary and used **WSDL** and **SOAP** messages for getting insurance plans from different module and used **XML parsers** for data retrieval.
* Used **SQL** statements and procedures to fetch the data from the database.
* Involved in writing Spring Configuration XML, file that containsdeclarations and business classes are wired-up to the frontend managed beans using **Spring IOC pattern**.
* Involved in creating various **Data Access Objects (DAO)** for addition, modification and deletion of records using various specification files.
* Developed **Ant Scripts** for the build process and deployed in IBM **WebSphere.**
* Implemented **Log4J** for Logging Errors, debugging and tracking using **loggers, appenders** components.

**Environment:Java/J2EE 1.6, Hibernate, Tortoise CVS, Log4J, RAD 7.0, Windows XP , Web Sphere Application server**.

**Client: Quest Diagnostics, NJ** Nov’2011 – Aug’2012

**Role: Java/J2EE Developer**

**Responsibilities:**

* Responsible and mentored the team in complete **software development lifecycle** (**SDLC)** tasks - design, coding, testing, and documentation using **Rational Unified Process (RUP)** for analysis and design of application.
* Designed and developed the web-tier using Html, JSP’s, Servlets, Struts and Tiles framework.
* Involved in the development of business module applications using J2EE technologies like **Servlets, JSP** and **JDBC.**
* Used the light weight container of the **Spring** Frame work to provide architectural flexibility for inversion of controller (**IOC**).
* **Hibernate frame work** is used in persistence layer for mapping an object-oriented domain model to a relational database (**Oracle**).
* Involved in writing Spring Configuration XML, file that contains declarations andbusiness classes are wired-up to the frontend managed beans using Spring IOC pattern.
* Involved in creating various Data Access Objects (DAO) for addition, modification and  
  deletion of records using various specification files.
* Implemented various design patterns in the project such as Business Delegate, Data Transfer Object, Data Access Object, Service Locator and Singleton.
* Used **SQL** statements and procedures to fetch the data from the database.
* Used Java Scripts for client side validations and validation frame work for server side validations.
* Used **SAX** and **DOM** parser to parse the XML documents and **XSLT** for transformations.
* Consumed **Web Services (WSDL**, **SOAP)** from third party for authorizing payments to/from customers.
* Deployed the application on to WebSphere application server.
* Used **log4j** for logging messages and Rational Clear Case for version Control.
* Developed test cases and performed unit test using **JUnit** Framework.
* Used **CVS** as version control.
* Used **ANT** scripts to fetch, build, and deploy application to development environment.

**Environment: Java /J2EE 1.5, spring 2.5, Struts 1.x, Hibernate 3.0, WebSphere Application Server, Oracle 10g.**

**Client:Visionlabs India Pvt Ltd, Hyderabad, India.**Feb’2011 – Oct’2011

**Role: Java/J2EE Developer**

**Responsibilities:**

* Developed presentation components using **JSP, Struts tag library, JSTL, JavaScript, CSS, XML, and HTML.**
* Developed struts action, form beans, business object and adapter components for the controller and model layers of the MVC pattern.
* Developed business validation scripts for the UI using Forms and validation.xml struts components.
* Used **XMLBeans** to communicate with enterprise web services from UI layer for accessing enterprise business data.
* Involved in developing and integrating web services – customer view, account view, set lending data, get lending data, get credit report, search credit reports, search application, customers, product recommendations etc., services using **XML, XMLBeans, XML Schema, SOAP, WSDL**.
* Designed Java components and integrated using **spring framework** for **Hibernate** Object/Relational persistence mechanism.
* Used **XMLWeb Services** using **SOAP** to transfer the amount to transfer application that is remote and global to different financial institutions.
* Used XML parser APIs such as **JAXP (SAX)** and **JAXB** in the web service's request response data marshalling as well as unmarshalling process.
* Worked with Business Analysts to convert the business requirements into technicalspecifications and implementation
* Used **CVS** for version control across common source code used by developers.
* Assisted Technology QA team to test the application and integration testing.

**Environment:Java1.5, Apache Struts Framework, Tiles, Apache XMLBeans, Hibernate, Apache AXIS, Oracle 10g, Windows, Web Logic.**

**Client: Orpine Systems, Hyderabad, India** Nov’2008 –Jan’2011

**Role: Java/J2EE Developer**

**Responsibilities:**

* Involved in analysis and design of the application.
* Involved in preparing the detailed design document for the project.
* Developed the application using **J2EE** architecture.
* Involved in developing **JSP** forms.
* Designed and developed web pages using **HTML** and **JSP**.
* Designed various applets using JBuilder.
* Designed and developed Servlets to communicate between presentation and business layer.
* Developed Session Beans and Entity beans to business and data process.
* Used **JMS** in the project for sending and receiving the messages on the queue.
* Developed the **Servlets** for processing the data on the server.
* The processed data is transferred to the database through Entity Bean.
* Used **JDBC** for database connectivity with **MySQL Server**.
* Used **CVS** for version control.
* Involved in unit testing using **Junit**.

**Environment**: **Core Java, J2EE, JSP, Servlets, XML, XSLT, EJB, JDBC, JBuilder 8.0, JBoss, Swing, JavaScript, JMS, HTML, CSS, MySQL Server, CVS, Windows 2000.**

**EDUCATION:**

* Bachelor of Technology in Computer Science from SASTRA University, India.