**Gyandeep  Kanka**

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**SUMMARY:**

* Around **7+ years** of extensive experience in Java/Java EE application development using Spring, Struts and Hibernate frameworks.
* Proficiency in developing secure enterprise Java applications using technologies such as **JSP, Servlets, JAVA Beans, EJB, JMS, JDBC, XML.**
* Expertise in implementing various J2EE design patterns like **Service Locator, Session Façade, Data Access Objects (DAO), Factory, Singleton, Data Transfer Object (DTO) in** the development of Multi-Tier distributed Applications.
* Extensive experience in modeling presentation tier using **StrutsMVC2** (Model-View-Controller) architecture.
* Experience with **Web logic** Application server.
* Developed rich and complex Web **UI** using **Swing, AJAX, HTML/XHTML, JavaScript, Angular JS, CSS,** and **XML**.
* Wrote Angular JS controllers, views and services for new website features.
* Experience with **IBM WebSphere Application server** and **IBM WebSphere Portals**.
* Designed and developed the application using Spring web flow.
* Experience in Agile software development process, test driven development and Object-oriented modeling UML, Object-Oriented analysis and design, developing Use Cases, Interaction Diagrams (Sequence and Activity), Class Diagrams, and Package Diagrams using **Rational Rose & Visio.**
* Strong Database skills with **Oracle** for **database modeling.**
* Competence in using Java IDE tools of **Eclipse 3.0, IntelliJ 14.0** to develop dynamic web applications.
* Expertise on entire Software Development Life Cycle (**SDLC**) in Intranet and Internet applications using Web/Application Servers like **Tomcat Web Sphere** and **Web logic** Application Server.
* Extensive Knowledge on databases like Oracle 9i/10g, DB2, and MySQL. Experience in writing complex SQL Queries.
* Experience in **SOAP and RESTfulWebservices.**
* Good working knowledge in version control tools like **CVS** and **SVN (repositories).**
* Experience in working with small and large groups and successful in meeting **new technical challenges** and finding solutions to meet the needs of the customer.

**TECHNICAL SKILLS:**

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| **Programming Languages** | Java1.5/1.6, J2EE, C, C++ |
| **J2EE Technologies and service API’s** | Jsp, Servlets, EJB ,JMS, JDBC |
| **Open Source/Framework** | Struts1.x/2.x, Spring 2.x/3.x |
| **ORM** | Hibernate2.x/3.x. |
| **Databases** | MongoDB, Oracle 9i/10g/11g, DB2, MySQL |
| **Application Servers/Web Server** | Oracle WebLogic 8.1/10.3, IBM Web sphere 5.1/6.0/7.0, JBOSS Apache Tomcat |
| **Apache Tools** | Log4j, Maven and ANT |
| **Development Tools/**  **Testing Tools** | Eclipse, RAD, IntelliJ |
| **Operating Systems** | Windows 2003/XP/VISTA/7, UNIX |
| **Internet Technologies** | Java Script, CSS, AJAX,HTML, XML, XSLT |
| **Programming Concepts** | Object Oriented Programming(OOPS) |
| **Version Control** | CVS, SVN, GIT |

**PROFESSIONAL EXPERIENCE:**

**Trizetto Corporation, Englewood, CO** **Mar’14 to Till Date**

**Role: J2EE Developer**

**Description:** TriZetto delivers world-class, healthcare IT solutions that enable healthcare organizations to work more efficiently and collaboratively to deliver better health. TriZetto solutions help health plans and TPAs increase administrative efficiency, improve the cost and quality of care, and succeed in the retail healthcare market. TriZetto solutions help physicians and health systems simplify business processes and execute strategies for population health management, accountable care, and value-based initiatives. TriZetto’s healthcare expertise, innovative solutions and comprehensive services help simplify healthcare for everyone.

**Responsibilities:**

* Used agile methodologies including refactoring and unit testing.
* Involved in delivering the functional source code with deployment on IBM Web sphere Server in construction phase and Web Sphere Portal for development
* Conducted complex documentation and user needs analysis. Interface with team and staff to develop HL7 integration
* Extensively developed custom tags and used the tag libraries in building reusable JSP.
* Used RestFul Web Services technology for building Web Services that communicate using JSON.
* Used Spring Framework for Dependency Injection and integrated with Hibernate.
* Employed Hibernate to store the persistent data as an Object-Relational Mapping (ORM) tool for communicating with database.
* Being a Full Stack developer, made modifications of JavaScript, HTML5, Bootstrap, Angular JS and AJAX code in application for user interface functionalities.
* Designed and developed the data access layer using JPA and Hibernate with annotations to map the domain objects to the database
* Created charms for: couch base, mem base, mem cache, couch db, cassandra, mongo db, hpcc, hadoop and cloud foundry.Contributedtothedevelopmentandenhancementofmanyothercharmsintherepository.
* Developed responsive web application for backend system using Angular JS with HTML5 and CSS3.
* Developed hibernate configuration file, hibernate mapping files and POJO’s to map objects to Oracle relational database.
* Created an internal web framework similar in scope to Angular.js, but closer in design to Knockout.js. This sophisticated framework grew up at the same time as Backbone and Spine, but went well beyond their capabilities.
* Developed the strategy for developing and implementing new EDI (HL7 and X12) interfaces and converting historical clinical and data.
* Used Java/J2EE Design patterns like MVC, Facade, Data Transfer Object (DTO) and Data access object (DAO) in the project extensively, which facilitates clean distribution of roles and responsibilities across various layers of processing.
* Developed the unit test cases (Test Driven Development) using JUNIT framework.
* Used LOG4J for error logging at the development box and used ANT for building the deployable EAR/WAR components.
* Used DB2 as the database server and created necessary stored procedures for the registration process and claim processing that can be invoked from the hibernate layer.

**Environment**:Java6.0, J2EE5.0, angular JS, RAD 7.0, Agile, HL7, J2EE Design patterns, Struts2.0, JSP2.0, JDBC 3.0, JavaScript, Ajax, UML, HTML, CVS, Spring 2.5.5, Hibernate 3.0, JUnit, DB2 6.0, Rational Rose, Web services, JSON, REST, Maven, Log4j 1.2, Windows XP.

**Cardinal Health, Columbus, OH Nov’12 to Feb’14**

**Role: Java / J2EE Developer**

**Description: Enterprise Hospital Information System - EHIS** is a real-time, on-line, integrated information/management system for healthcare establishments, addressing all critical areas of health care activity. This system deals with the automation of various functions in a Hospital and includes modules like Inpatient Management, Outpatient Management, Pharmacy, Clinician Access and Order Entry Result Reporting. A Patient can be diagnosed by the doctor perfectly provided his details (Patient). Bills and Pharmacy work can be done by placing the Orders by Doctors and giving reports to the Patients.

**Responsibilities:**

* Involved in development, customization and enhancement of the product.
* Designed and developed all UI Screens (Forms) using Java Server Pages, Struts, CSS, Html and JavaScript.
* Designed and worked as a J2EE developer in OR (Order Entry & Result Report) module. This module is interlinked to most of the core modules.
* Involved in developing the Master Functions and Transaction Functions based on the requirement and done optimizations to the existing code.
* Worked on Hibernate ORM.
* Configured Struts/Spring/Hibernate frameworks
* Application implemented as a single-page, angular.js client.
* Developed HL7 messaging for bi-directional case and disease report exchange, in text and XML formats, in accordance with HL7 specifications;
* Tested all application controllers extensively with angular's built-in testing facilities.
* Also involved in continuous enhancement, maintenance and bug fixing.
* Provided on call support for the Web application and assisted in resolving business critical issues with the J2EE web application.
* Generated Test cases and performed Coding, Testing and implementation.
* Used CVS for source code version control.
* Used Hibernate as ORM tool to manage data and MySQL database.
* Performed server side coding using servlets, Jsp and deployed on Bea Web logic server.
* Used Log4j to provide central logging facility, comes under singleton design pattern.

**Environment:** Java1.6, JDBC, Angular JS, J2EE Design Pattern, Java Script, HL7, XML, XSD, WSDL, JSP, Jreports, Spring Framework 3.1, Hibernate, AJAX, Web logic 10.3, JUnit.

**Hewlett-Packard, Austin, TX**  **Jun’10 to Oct’12**

**Role: J2EE Developer**

**Description: Interconnect Automation Solution** – This project is a part of Converged Infrastructure environment. HP’s Converged Infrastructure is technology developed for a customer's environment to integrate, simplify, automate and enable a higher performing infrastructure. Through rapid provisioning, customers can reduce operating cost. It involves Development, implementation of new features and enhancements for automation of interconnect and storage solutions for industry server, storage products and delivery of network and storage management software.

**Responsibilities**:

* Involved in the design and development of database-driven web-based systems (GUI) involving both synchronous and asynchronous work flows.
* Involved in developing Business Component Layer using EJB 3.0.
* Responsible for analysis, testing and maintenance of the project.
* Involved in the design and development of AJAX based scripts to present data in the web 2.0 framework. Implementation includes AJAX rich UI using YUI 2.5/2.8 libraries, CSS and JavaScript to implement dynamic functionality on the DOM.
* Involved in design and development of customized solutions for various clients in the Aspire Broker Trading Platform.
* Designed and developed the persistence layer using Hibernate persistent objects.
* Implemented MVC framework using Struts 1.2 and Tiles.
* Developed JSP custom tags to provide flexibility in the design of the UI layer.
* Involved in the development of AJAX based trading platform called Block Order Allocation System providing Stock Brokers the flexibility, and presenting data to help them place trades.

**Environment:**Java, J2EE, Web Services (JAX-WS, SOAP, WSDL), EJB 3, JPA, Struts 1.2, JSP, JMS, JSTL, JDBC, JNDI, Java Script, AJAX, Sybase, Ant, JBoss 5.1, Eclipse, SVN, Remedy, Log4j, JUnit 4, HTML5.0, CSS, AJAX

**UMB Bank, Kansas City, MO Jun’08 to May’10**

**Role: J2EE Developer**

**Description: Personal Loan Application System -** This project involved the development of Personal Loan Application Processing System. Customers are provided with the facility of applying for loan online by filling an online application form. There is a set of business rules called RAC (Risk Acceptance Criteria) against which the given loan application is checked. Other features include a menu with search, filter, and Minimum - Maximum Borrowing Amount criteria for personal loan. Both applicants and customer service representatives can check the status of the application online.

**Responsibilities:**

* Assisted in creating Use Case diagrams, Class diagrams and Sequence diagrams.
* Implemented Design Patterns like Session Facade, Business Delegate, Data Access objects, Data Transfer Objects, Front Controller, Service Locate and Singleton.
* Developed user interface using JSP, Servlets, and Ajax.
* Used JSP, Java Script, HTML, and CSS for manipulating, validating, customizing, error messages to the User Interface.
* Involved in writing complex SQL queries, to query data about customers eligible for various RISK criteria.
* Extensively used JDBC concepts to connect to, retrieve and update information in the database.
* Used EJBs(Session beans) to implement the middleware services.
* Used JMS for sending updates to various other applications and MDB for routing priority requests.
* Used SOAP for sending and getting data from the external interface.
* Used XSL/XSLT for transforming and displaying reports. Developed Schemas for XML.
* Involved in Consuming XML web services using SOAP, SAX and DOM XML parsers, WSDL.
* Used SAX parsers for parsing, XSL/XSLT transformation in customizing the statements reports that are retrieved from the database.
* Involved in writing the ANT scripts to build and deploy the application.
* Extensively used Eclipse 3.x while writing code.
* Consistently produced the highest quality code through disciplined and rigorous unit testing using JUnit.

**Environment:** Java, J2EE 1.4, JSF, IBM WAS 5.x, EJB 2.1, UML, Rational Rose, XML, XSLT, SOAP, SAX, JSP 2.0, JMS 1.1, HTML, JDBC, JavaScript, OOAD, Servlets 2.4, Eclipse 3.x, CVS 2.0, PL/SQL, Oracle 9i.

**GenpactPvt Ltd, India Jun’07 to May’08**

**Role: Java Developer:**

**Description: LMS –** Leave Management system is a web application that enables the employee can able to view the leaves eligible and able to apply for the leave and check the status. Apart from leave there is a module KPA where the employee gets the ratings for the Goals during the past year gets validated by the corresponding reporting manager and finally HR can able to download the report from the application.

**Responsibilities:**

* Used MVC Architecture based on Jakarta Struts Framework.
* Developed GUI modules using JSP, AJAX and business logic using Action classes.
* Developed EJBs (Stateless Session Beans) and used Hibernate as persistent layer and O/R mapping.
* Implemented Design Patterns like Session Facade, Business Delegate, Data Access objects, Data Transfer Objects, Front Controller, Service Locate and Singleton.
* Designed and implemented JMS functionality to send and receive messages between various locations such as legacy system.
* Used MQ series to provide Topics (Publisher/Subscriber Model).
* Developed test cases using Junit framework.
* Used Log4J for Debugging purposes.
* Used DOM, SAX parser to parse XML documents.
* Managed the coding of entire system using CVS.

**Environment:** Java-J2EE environment, EJB, JSP, Java script, Servlets, JDBC, JMS, JNDI, UML, Jakarta Struts framework, SQL, MQ series, Oracle9i, Weblogic Workshop, Junit, Log4j, CVS, Windows