**Name: RANGAREDDY BANDI**

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**PROFESSIONAL SUMMARY:**

* Having 12 years of experience in IT industry in the areas of Analysis, Design, Development, Implementation and Testing of Software Applications using Java/J2EE technologies.
* Strong Knowledge on Application Development using **Software Development Life Cycle SDLC**using various methodologies like **Waterfall**, **Agile**/**Scrum**.
* Expertise in application development using Java, JDBC, Servlets, JSP, EJB-Session bean, Entity bean, JMS, Struts, Spring, Hibernate and JSF.
* Experience in developing web applications using technologies like HTML5, Java Script, AJAX, CSS3, DOJO, Angular JS, Bootstrap, JSP Tag libraries, Tiles and XML.
* Experience with writing SQL & PL/SQL programming in writing stored procedures, indexes, cursors, views and triggers.
* Experience in producing as well as consuming the Web Services that includes SOAP as well as REST using WSDL, SOAP, JAX-WS, JAX-RS, CXF and SOA.
* Experience in implementing **Java EE design patterns** such as **MVC**, **Singleton**, **Session Facade, DAO, DTO,**and**Business Delegate** in the development of Multi-Tier distributed Enterprise Applications.
* Experience in ANT, Maven build tools and also expertise in unit testing using JUnit.
* Having strong experience in Service Oriented Architecture (SOA).
* Experience in OO Analysis, OO Design using UML.
* Expertise in implementing dynamic web applications using Application & web Servers like Oracle Web Logic, IBM Web Sphere, JBOSS and Apache Tomcat deploying in various environments like Windows, UNIX and Linux with IDEs like Eclipse, Net Beans and RAD.
* Extensive experience in design and development of DBs Oracle 9i/10g/11g, MySQL and SQL Server.
* Experience in MVC (Model View Controller) architecture, using Struts Framework, and Spring Framework with various Java/J2EE design patterns.

**TECHNICAL SKILLS:**

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| **Languages** | Java, SQL, PLSQL, XML, C++, C, XHTML, HTML, CSS, Java Script. |
| **Java Technologies** | Java, J2EE, JDBC, Servlets, JSP, JavaBeans. |
| **Frameworks** | Struts, JSF, Hibernate, spring, Tiles, AJAX, EJBs, RMI and JUnit. |
| **Development Tools** | Eclipse, ANT 1.7, Rapid Application Developer. |
| **Application Servers** | Web Logic, Apache Tomcat, Web Sphere and JBoss. |
| **ORM** | Hibernate |
| **Design and Modeling** | Microsoft Visio, UML and Rational Rose. |
| **Web Services** | SOAP, REST. |
| **Databases** | IBM DB2, Informix, Oracle 8i/9i/10g/11g, Mongo DB and SQL Server 2000/2005/2008. |
| **Scripting Languages** | Java Script, Shell Script |
| **XML technologies** | DTD, XSD, XML, XSL, XSLT, XQuery, SAX, DOM, JAXP. |
| **Version Control** | CVS, Git, SVN and Clear Case. |
| **Environments** | UNIX, Red Hat Linux, Windows 2000, Windows NT 4.0, Windows XP, Solaris. |

**EDUCATION:**

* Masters in Computer Application IGNOU University
* Bachelor of Computer Application IGNOU University

**PROFESSIONAL EXPERIENCE:**

**Client:** **Nationwide, Columbus, OH June 2021– Till Date.**

**Role: Sr. Java Developer**

**Responsibilities:**

* Involved in various phases of Software Development Life cycle (SDLC) of the application like requirement gathering, Design, Analysis and code development.
* Created Spring MVC – rest-based JSON services, used Rest template for making a client call to JAX-RS web services.
* Implemented REST Microservices using spring boot. Generated Metrics with method level granularity and Persistence using Spring AOP and Spring Actuator.
* Used spring config server for centralized configuration and Splunk for centralized logging. Used Concourse and Jenkins for Microservices deployment
* Developed story/task by following TDD/BDD and Pair programming concepts. Providing daily status in scrum meetings with the client. Mentored new team members on effective usage of blend of Spring Boot /JPA and Java.
* Responsible for maintaining, implementing critical bug fix and supporting the application.
* Prepared high-level technical documents by analyzing the user requirements and implementing the use cases.
* Implemented reader and writer to work with the application and update the data in database using Spring Batch framework.
* Used JSON for transferring/retrieving customer information data and customer transactions data between different applications.
* Implemented workflows to generate the loan and contribution changes for a plan and created the jobs to run according to the period.
* Involved in writing SQL and PL/SQL functions and packages by using Oracle 11g DB.
* Implement DAO pattern for database connectivity and hibernate for object persistence.
* Wrote unit and integration tests to test all the desired functionality using Junit, Mockito and Power Mockito.
* Used Maven for build and Jenkins as the continuous integration tool for the application development.
* Used SVN and migrated to GIT as the version control tool.
* Used WebSphere application server for deploying in dev environments and used Tomcat in local environment.
* Involved in Unit integration, debugging the code, bug fixing, acceptance testing with test cases, code reviews.
* Used Hibernate as ORM tool and defined the mapping, coordinated with QA team to ensure the quality of application.
* Worked on extensive Performance testing to determine the responsiveness and stability of the system.

**Environment:** Spring, Spring Batch, Hibernate, Restful, Junit, Easy mock, Log4j, Eclipse, GIT, Jenkins, Maven, SQL, PL/SQL, XML/HTTP, JSON, Apache Tomcat, Postman, Windows, Agile, scrum.

**Client: LBrands, OH Sep 2020 To May 2021**

**Role: Sr. Java Developer**

**Responsibilities:**

* Involved in **SDLC requirements gathering, analysis, design, development and testing** of application developed using **Agile** methodology.
* Designed and developed asynchronous RESTful Microservices using Spring boot, Couchbase and Java that are consumed by other microservices with an average response time of 30 milliseconds.
* Development in LBrands B2B e - commerce site on domains like Cart and Checkout and List Pages using Open-Source development (WebSphere Commerce to Micro Service Architecture).
* Implemented Cart CRUD operations end points, Cart controller and REST API end points like AddToCart, View, Update and all other cart operations.
* Implemented all the components following a test-driven development methodology using **JUnit** and **Mockito**.
* Integration with external services like user service, item services, inventory, budgeting, store locator services, and tax service using REST API and SOAP.
* Developed all REST APIs using Hystrix commands and Feign clients for efficient fault tolerance and handling fallback mechanisms.
* Developed an efficient daily extract job that reads millions of documents from Couchbase DB and writes to a file and SFTP to remote location.
* Integrated **Spring Hibernate**and **JPA**frameworks.
* Used **JPA**and **Hibernate**with entity beans for interacting persistence layer for **CRUD**operations.
* Work with Business Analysts, Business Owners, QM Analysts, and Application Support Teams to understand all stakeholder requirements.
* Work closely with Architects for requirement analysis and designing engineering solutions for complex business problems.
* Hands-on experience in using CI/CD pipeline and Jenkins for deploying the code.
* Work in fast paced bi-weekly sprint environment following Agile principles and methodologies.
* Used **GIT** for version control tool and **IntelliJ** for **IDE**.

**Environment:** Java8, J2EE, Spring MVC, Maven, JMS, MQ services, IBM WebSphere, Agile Methodology, Spring Batch, Spring Boot, Spring Security, Hibernate, Web Services, SOA, SOAP, Restful, AWS, WSDL, JIRA, Log4J, JUnit, Mockito, STS.

**Client: TriZetto HealthCare, IL May 2019 – Aug 2020**

**Role: Sr. Software Engineer**

**Responsibilities:**

* Involved in various phases of Software Development Life cycle (SDLC) of the application like requirement gathering, Design, Analysis and code development.
* Worked in agile framework as an individual contributor Responsibilities include - Interaction with Business team in story grooming, reviewing story/acceptance criteria.
* Effectively participated in weekly client communications with Business Analysts.
* Develop Micro services using Spring boot.
* Migrate Services from Tibco to Java using SOAP and REST API’s.
* Used JAXB for converting data from java objects to xml file and vice versa.
* Experience with container-based deployments using Docker, working with Docker images, Docker Hub and Docker-registries and Kubernetes.
* Used Jenkins pipelines to drive all micro services builds out to the Docker registry and then deployed to Kubernetes, Created Pods and managed using Kubernetes
* Developed the web services stubs provided WSDL using Apache Axis.
* Designing and coding for grouping all diagnosis codes and procedure code in mediators to generate Accurate adjudication using Elements characteristic of more JAVA/J2EE to add overall support for more project functions.
* Worked on JIRA reporting tools to report versions, epics, sprints, and issues etc.
* Creating and building Jenkins Pipelines for CI/CD Process.
* Used GIT to maintain source and version management and used Eclipse.
* Build and deploy the application using Maven.
* Deploy code in **Azure** INT and QA Environment.

**Environment:** Java/J2EE, Java8, Spring, Spring Boot, Microservices, Azure, Restful, Hibernate, MongoDB, Web services, JAX-RS, Mockito, WSDL, Junit, SOAP UI, JSP, XML, Json, Maven, log4j, DB2, JIRA, STASH, GIT, UNIX, AGILE-SCRUM, Tomcat.

**Client: Pekin Insurance, Pekin, IL Oct 2018– Apr 2019**

**Role: Sr. Java Developer**

**Responsibilities:**

* Involved in various phases of Software Development Life cycle (SDLC) of the application like requirement gathering, Design, Analysis and code development.
* Developing micro services in **Azure** cloud environment.
* Worked in agile framework as an individual contributor Responsibilities include - Interaction with Business team in story grooming, reviewing story/acceptance criteria.
* Involved in the architecture team for design and implementation of system.
* Implemented REST Micro services using spring boot. Generated Metrics with method level granularity and Persistence using Spring AOP and Spring Actuator.
* Implemented service layer using Spring IOC and annotations and Controllers using Spring MVC.
* Implemented DAOs, entities using Hibernate API and Hibernate QL.
* All the functionality is implemented using **Spring IO** / **Spring Boot** and **Hibernate ORM**. Implemented Java EE components using **Spring MVC, Spring IOC, spring transactions** and spring security modules.
* Implemented reader and writer to work with the application and update the data in database using Spring Batch framework.
* Used JSON for transferring/retrieving customer information data and customer transactions data between different applications.
* Creation of new web services to be created using WSDL and SOAP.
* Developed a code for Web services using XML, SOAP and used SOAP UI tool for testing the services.
* Wrote SQL Queries and Stored Procedures.
* Building/Maintaining Docker container clusters managed by Kubernetes Linux, Bash, GIT, Docker, on Azure.
* Utilized Kubernetes and Docker for the runtime environment of the CI/CD system to build, test deploy.
* Involved in development of test environment on Docker containers and configuring the Docker containers using Kubernetes.
* Source code management, branching, merging and tagging techniques in Bit bucket
* Setup and use of CI/CD pipeline comprised of Jenkins, Art factory, Maven and Bit bucket
* Used GIT to maintain source and version management and used Eclipse.

**Environment:** Java8, Restful web Services (JERSEY, Spring Boot), Spring MVC, SOAP, JSON, Log4j, Jenkins, Maven, Git, Stash, Junit, Jira, Angular, Tomcat 8, Oracle 9i, DB2, Jenkins, Hive, Hibernate, SQL Server, TOAD, postman, agile, Junit, Easy mock, Log4j.

**Client:** **Nationwide, Columbus, OH Nov 2017 - Sep 2018.**

**Role: Sr. Developer**

**Individual Product Services**

**Responsibilities:**

* Involved in various Software Development Life Cycle (SDLC) phases of the project which was modeled using Rational Unified Process (RUP)
* Implemented REST Microservices using spring boot. Generated Metrics with method level granularity and Persistence using Spring AOP and Spring Actuator.
* Implemented distributed Micro Service Monitoring. Integrated Swagger UI and wrote integration test along with REST document.
* Used spring config server for centralized configuration and Splunk for centralized logging. Used Concourse and Jenkins for Microservices deployment
* Developed story/task by following TDD/BDD and Pair programming concepts. Providing daily status in scrum meetings with the client. Mentored new team members on effective usage of blend of Spring Boot /JPA and Java.
* Prepared high-level technical documents by analyzing the user requirements and implementing the use cases.
* Implemented file parser to parse the financial data as per the layouts specified by the clients along with multiple formatting and validation utilities by implementing Java and J2EE design patterns.
* Worked with the front-end team as a floater to implement the functionalities for the FASTPAY and to support on the web services that were created.
* Designed and Developed the Auto-Balancing handler to balance the deposit with the deposit details based on the key and request type by using Spring MVC framework.
* Implemented reader and writer to work with the application and update the data in database using Spring Batch framework.
* Used JSON for transferring/retrieving customer information data and customer transactions data between different applications.
* Implemented workflows to generate the loan and contribution changes for a plan and created the jobs to run according to the period.
* Involved in writing SQL and PL/SQL functions and packages by using Oracle 11g DB.
* Created and scheduled the jobs for the workflows developed and included in the nightly flow using CA WA ESP workstation.
* Implement DAO pattern for database connectivity and Hibernate for object persistence.
* Designing and Developing the web portal applications, web services and JBPM workflows.
* Created test coverage for the web services by using Junit and Easy mock.
* Used Maven for build and Jenkins as the continuous integration tool for the application development.
* Used SVN and migrated to GIT as the version control tool.
* Used WebSphere application server for deploying in dev environments and used Tomcat in local environment.
* Involved in Unit integration, debugging the code, bug fixing, acceptance testing with test cases, code reviews.
* Used Hibernate as ORM tool and defined the mapping, coordinated with QA team to ensure the quality of application.
* Worked on extensive Performance testing to determine the responsiveness and stability of the system.

**Environment:** Spring, Spring Batch, Hibernate, Web Services, Restful, Angular 2, JavaScript, Junit, Easy mock, Log4j, Eclipse, CA WA workstation, TOAD, SVN, GIT, Jenkins, Maven, SQL, PL/SQL, SQL Server, XML/HTTP, JSON, HTML5, UML, IBM WebSphere, Apache Tomcat, Postman, Windows, Unix, Agile, scrum.

**Client: State Street Bank & Trust, Quincy, MA. Nov 15 – Oct 2017**

**Role: Sr. Java Engineer**

**Alerts & Events Framework**

**Responsibilities:**

* Involved in Analysis, Design and Development of Trade Review Alerts using Agile Scrum Methodology.
* Consuming and exposing various Web services using JAX-RS and JSON to different systems for business services.
* Developed complex Web Services and tailored JAX-RS API to suit the requirement.
* Designed UI screen for Trade Review Alerts and Custom Details to get User information with JSP, spring tag library.
* Worked on custom buttons for Claim the Alerts and Approve/Reject using Drools.
* Primarily focused on the spring components such as Spring MVC, Dispatcher Servlets, Controllers, Model and View Objects, View Resolver.
* Implemented Caching Strategies in Web Services Client Layer for reducing the number of executions in Controller.
* Developed Spring Beans and configured spring using applicationContext.xml.
* Generated DAO’s to map with database tables using Hibernate. Used HQL (Hibernate Query Language) and Criteria for database querying and retrieval of results.
* Uses Second Level Cache to enhance performance and Proper Memory Management.
* Involved in J2EE Design patterns.
* Generated POJO classes with JPA Annotations using Reverse Engineering.
* Used Spring IOC, AOP modules to integrate with the application.
* Developed SQL Queries for performing CRUD operations in DB2 for the application.
* Developed a code for Web services using XML, SOAP and used SOAP UI tool for testing the services.
* Involved in the development of Database Connections and Database Operations using JDBC.
* Used Maven for generating system builds and Bamboo for continuous integration.
* Wrote JUNIT Test cases for Spring Controllers and Web Service Clients in Service Layer using Mockito.
* Using JIRA to manage the issues/project workflow.
* Created WAR/EAR files from Maven and deployed them on Web Sphere.

**Environment:** Java/J2EE, Java8, Spring, Hibernate, Web services, JAX-RS, Mockito, WADL, SOAP UI, JSP, XML, JavaScript, Angular, Json, jQuery, Ajax, Maven, log4j, DB2, JIRA, STASH, Eclipse, GIT, UNIX, AGILE-SCRUM, Web Sphere.

**Client: JP Morgan Chase & CO, Columbus, OH May 2014 – Oct 2015**

**Role: Senior Java Consultant**

**Automation Frameworks Suite:**

**Responsibilities:**

* Worked on design and development framework using Java, spring, Mongo DB and Web Services.
* Worked closely with Architect/Lead to design technical design documents and to develop Virtualization Services.
* Worked in Agile - Behavior-Driven Development (BDD) model.
* Developed multiple Restful API to interact with Mongo DB
* Developed a scanner to scan the Git repository and find out set of files with given input pattern(s).
* Acted as Data engineer to virtualize the services using Mongo data.
* Configured new SOAP client calls using Dozer mapping.
* Performed data retrieving, querying, storage and manipulation using Hibernate.
* Used spring framework to specify controller, request mappings to integrate with entity layer using Hibernate
* Built application using Maven.
* Certified the DPS and GWS Virtualized test cases against dev and prod environments.
* Created VSI and VSM files.
* Created MAR Info file.
* Built MAR file using MAR Info file and deploy it on LISA server.
* Generated VSI and VSM files using raw Traffic XML file.
* Generated Restful dialogs in JSON format.
* Involved in Unit/Integration testing of the application using JUnit and Mockito.
* Created a Virtualize in multithreaded fashion to extract and deploy the MAR file in Lisa server.
* Wrote JUnit and integration tests require for automation framework.
* Created WAR/EAR files from Maven and deployed them on Tomcat.
* Developed the application using Eclipse IDE.
* Using JIRA to manage the issues/project work flow.
* Deployed application on Tomcat server.
* Wrote Gherkin script for testing the application.

**Environment:** Core Java 1.7, Restful Web services, Spring framework, Hibernate, Json, Json, Gherkin, Cucumber, Maven 3.1.1, Mongo DB, Git, Jira, Bamboo, JUnit, Mockito and Tomcat 7.

**Client: Supreme Court of Virginia Aug 2013 – Apr 2014**

**Role: Sr. Java Developer**

**Responsibilities:**

* Designed UI screen for payment Quote to get User information with JSP, spring tag library.
* Developed Action Classes, Service Classes for Resident Insurance premium payment module.
* Involved in Coding JavaScript code for UI validation and worked on spring validation frameworks.
* Analyzing the Client Requirements and designing the specification document based on the requirements.
* Worked in Agile - Test-Driven Development (TDD) model.
* Worked on Object Oriented Analysis (OOA) and Design (OOD).
* Involved in the Preparation of Program Specification and Unit Test Case Document.
* Designed the Proto according to the Business requirements.
* Involved in the preparation of use case, sequence diagrams, class diagrams, Activity diagrams using Rational rose.
* Analysis and Design of the Object models using JAVA/J2EE Design Patterns in various tiers of the application.
* Involved in mapping of all configuration files according to the JSF Framework.
* Developed a code for Web services using XML, SOAP and used SOAP UI tool for testing the services.
* Involved in the development of Database Connections and Database Operations using JDBC.
* Wrote SQL Queries and Stored Procedures.
* Developed Action and Model Classes.
* Build application using Maven tool.
* Primarily focused on the spring components such as Dispatcher Servlets, Controllers, Model and View Objects, View Resolver.
* Wrote Action Form and Action classes. Used various Tags HTML, Bean, and Logic etc. Also Configured Spring-Config.xml for global forwards, error forwards and action forwards.
* Used Spring Tiles framework for the development user interface.
* Involved in the Code Review.
* Wrote SQL Queries and PL/SQL procedures for the application.
* Interacted to Client for better understanding of Business requirements.
* Worked with Ant build tool to build the Project and Involved in the Unit Testing.
* Wrote test cases using Mockito framework.
* Build and deployment on Web sphere application server.
* Involved in Production Support and Enhancement Developments.

**Environment:** Java, 2EE, Spring, JSP, Web Sphere, HTML, Webservices, JSF, JDBC, SQL, DOM, XML Connection Pool, PL/SQL, AJAX, JQuery, Angular, JavaScript, Clear Case, XSLT, log4j, Maven, Net Beans, JUNIT and Mockito.

**Client:** **US Patent Trademark Office, Alexandria, VA Aug 2012 – Jul 2013**

**Role: Sr. Java Developer**

**Responsibilities:**

* Involved in various phrases of Software Development Life cycle (SDLC) of the application like requirement gathering, Design, Analysis and code development.
* Developed Spring Beans and configured spring using applicationContext.xml.
* Implemented Design Pattern like Singleton, DAO and MVC.
* Involved in J2EE Design Patterns such as Data Transfer Object (DTO), DAO, Value Object and Template.
* Generated POJO classes with JPA Annotations using Reverse Engineering.
* Used Spring IOC, AOP modules to integrate with the application.
* Generated DAO’s to map with database tables using Hibernate.
* Used Maven for generating system builds and Bamboo for continuous Integration.
* Developed the application using Eclipse IDE.
* Used LOG4J, JUnit for debugging, testing and maintaining the system state.
* Led and managed a development team to implement a web-based catalog using J2EE, spring, Tiles, JSP, Servlets, JDBC.
* Developed REST as well as SOAP based web services using WSDL, SOAP, and CXF.
* Involved in UI development and client-side validation using JavaScript, XML, XSLT, Ajax and jQuery.
* Implemented MVC-II Architecture, which separated the View and Business Logic Layer.
* Worked on the version control and configuration management using Clear Case.

**Environment:** J2EE, JSP, Spring, HTML, JDBC, Tomcat, Tiles, Oracle, DOM, XML, jQuery, Singleton, PL/SQL, Ajax, JavaScript, Maven, CVS, Eclipse, JUNIT, Hibernate, Web Services.

**Client: Schenker, Inc. Freeport, NY Feb 2011 – Jul 2012**

**Role: Java Developer**

**Responsibilities:**

* Analyzed specifications and requirements.
* Developed Goods Receipt, Delivery Order modules and RF Function Modules.
* Developed user interface using JSP, JSP Tag libraries, Struts Tag libraries, Java Script and Ajax.
* Implemented MVC-II Architecture, which separated the View and Business Logic Layer.
* Worked on Struts framework to create the Web application.
* Used session beans and entity beans for the framework.
* Worked on developing the JSF/Rich faces pages.
* Responsible for coding user interfaces using JSF.
* Responsible for writing server-side validation using JSF.
* Developed Managed Beans and Navigation rules.
* Used Maven, ANT, CVS and Log4j Extensively.
* Developed the business layer logic and implemented EJBs Session beans.
* Designed and developed struts action classes for the controller responsibility.
* Involved in the integration of spring for implementing Dependency Injection (DI/IOC).
* Responsible for Writing POJO, Hibernate-mapping XML Files, HQL
* Involved with the database design and creating relational tables.
* Utilized Agile Scrum to manage full life-cycle development of the project.
* Building and deployment of EAR, WAR, JAR files on test, stage and production servers.
* Involved with the version control and configuration management using Serena.
* Unit and integration testing on development and pre-production servers.

**Environment:** Java, J2EE, JSP, JSF, JBOSS, JDBC, Oracle, DOM, XML, PL/SQL, Ajax, SVN, JavaScript, Eclipse, JUNIT, Maven, Hibernate, DAO and Mockito.