**Prasanthi**

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**SUMMARY:**

* Having more than 7 years of IT experience in Analysis, Design, Development, Implementation and Testing of Enterprise Applications in the Client/Server environment as a developer using Java/J2ee in Client-Server, 3-tier and n-tier applications.
* Experience in all aspects of Software Development Life Cycle (SDLC) including requirements analysis, design specification, code development, code integration, testing, and deployment using Object Oriented Analysis and Design with Core Java/J2EE.
* Expertise in JAVA/J2EE technologies like Struts, Spring, Hibernate, HTML/HTML5, CSS, JSP, EJB, JDBC, Servlets, MVC, JavaScript, JQuery, JSON, Eclipse, Apache Tomcat, Subversion, Clear case and AngularJS.
* Extensive knowledge & good experience on Java Application Development, Distributed Applications, Object Oriented Applications, and Internet/Intranet based Database Applications.
* Having extensive GUI design development capabilities for different applications using HTML5, CSS, AJAX, JavaScript, XML and AngularJS.
* Expertise in the implementation of Core concepts Java, J2EE Technologies: JSP, Servlets and frameworks like Spring MVC, Spring Security, Spring Boot, Spring Data, Spring Mail, spring validation, Spring JDBC, Hibernate.
* Experience with and solid understanding of Microservices.
* Experience of developing JAX-RS based web services at provider end in enterprise application development.
* Analyzed the Maven dependency management in the base code to annotate the dependencies on to Spring Boot application into Gradle for Micro Services.
* Used Spring MVC Spring Security Spring ORM modules to integrate with MongoDB to implement the persistence layer with JPA/Hibernate.
* Extensive experience in Design, Development and implementation of Model-View-Controller (MVC) (spring, Struts, ORM Frameworks).
* Hands on experience with JUnit, Http Unit and Log4j in developing test cases.
* Experience in integration tools like Spring Integration, Mule ESB, Apache CXF, Apache Kafka and Apache Camel to integrate the enterprise application technologies with existing JVM environment.
* Used Swagger framework and WADL for documentation of REST API’S.
* Experience in using frameworks like Struts, Struts validator framework, Hibernate and OR-mapping, spring, build tools like ANT, MAVEN and logging framework Log4J.
* Expertise in Object Oriented Analysis and Design (OOAD) using Unified Modeling Language (UML).
* Proficient experience in using the databases such as MS SQL Server, Oracle and able to write stored procedure, functions, triggers, DDL, DML SQL queries.
* Good knowledge and experience with multiple Servers like IBM Web Sphere, Web Logic server, Apache Tomcat, Jboss.
* Experience with Continous Integration/Continous Deployment using Maven, Jenkins.
* Expertise in the implementation of Core concepts of Java, J2EE Technologies: JSP, Servlets, EJB transaction implementation (CMP, BMP, Message-Driven Beans), Java Beans, JDBC, XML, RMI, Web Services, Multi-Threading etc.
* Good experience in writing SQL Queries, PL/SQL Procedures, Functions, Triggers and Cursors.
* Good experience with Operating Systems like Windows XP/ Vista/7 and partially on UNIX.
* Excellent team player, very dynamic, flexible with positive attitude and excellent learning skills.
* Ability to handle multiple tasks and work independently as well as in a team along with excellent writing skills and communication skills.
* Good team player and Interested to work on new technologies.

**TECHNICAL SKILLS:**

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| **Languages** | Java, C, C++, JSP,HTML, JavaScript, JQuery, CSS, AJAX, XML, JSON |
| **Java Technologies** | JAVA BEANS, RMI, Servlets, JSP, EJB, JDBC, Web services |
| **Frameworks** | MVC, Hibernate, Spring, Struts, Hibernate OGM |
| **Web/Application Servers** | Web Logic , IBM Web Sphere, JBoss, Tomcat |
| **Databases** | Oracle, SQL Server |
| **Web Technologies** | HTML5/DHTML, XHTML, AJAX, CSS, XML, XSL, XSLT, AngularJS |
| **Scripting Languages** | JavaScript, JQuery |
| **Operating Systems** | Windows 2000/XP/NT/vista/7, UNIX |
| **Other Tools** | Maven, Ant, Log4j, JUnit, Entity Beans, UNIX Shell Scripting. |

**EDUCATION:**

Bachelors in Computer Science and Engineering, India

**PROFESSIONAL EXPERIENCE:**

**Client: MB Financial Bank, Milford, MI Sept 2018 - Present**

**Role : Java Developer**

**Description:** Liberty mutual is a market leader in key insurance and investment product lines. Liberty Mutual continually seeks to better serve its customers by leveraging ongoing product innovation, knowledge and experience, a strong brand, a broad and powerful distribution system. The project deals with building up of a new web-site for Liberty Mutual Agents to assist Liberty Mutual customers.

**Responsibilities:**

* Involved in SDLC Requirements gathering, Analysis, Design, Development and Testing of application using Agile Model.
* Used Eclipse IDE tool to develop the application and Used JIRA to create EPICs and User Stories for the Sprint cycle.
* Implemented AJAX functionality using jQuery, JSON and XML.
* Developed Hibernate with Spring Integration as the data abstraction to interact with the database.
* Maintained Interface compatibility and concurrency in the project using Java 8 new features like default, static methods and Concurrency API.
* Used Java 8 Method References feature to point to methods by their names and used functional Interfaces.
* Built real time engine which can process information and push notifications to Apple Push Notification service and Google Cloud Messaging Service using Apache Kafka and Apache Storm.
* Exposed and consumed SOAP based Web Services to communicate between systems.
* Responsible for setting up Angular JS framework for UI development. Developed html views with HTML5, CSS3, JSON.
* Heavily used SOAP UI Pro version for testing the Web Services
* Built NoSQL schemas and maintaining sessions by MongoDB.
* Developed and Consumes SOAP and Restful web services and validated using SOAP UI
* Implemented functionality like searching, filtering, sorting, validating using Angular JS and Java Script.
* Worked with SOAP UI, JAX-WS to create Web Services and consuming the existing services.
* Designed Hibernate entities that map data base tables, implemented inheritance strategies using Hibernate inheritance strategy.
* Defined and constructed layers, server-side objects and client-side interfaces based on J2EE design patterns, Developed and implemented  spring and J2EE based MVC (Model-View-Controller) framework for the application.
* Develop the required Web services according to SOA governance board.
* Custom buildpack (WebSphere Liberty and Jboss) installation in PCF.
* Used AWS Cloud Watch to monitor the application and to store the logging information.
* Used Spring Boot which is radically faster in building cloud Micro Services.
* Well experienced in Core Java – asynchronous programming, multithreading, collections and a few design patterns.
* Designed and developed the REST based Micro Services using the Spring Boot and Spring Cloud.
* Worked on collection API, Multithreading and Java 8 Features and other Java Concepts.
* Developed Micro services with spring boot and Spring Batch along with the test cases and used the spring test's framework to create integration tests.
* Implemented search functionality, filtering, pagination using Hibernate criteria Query interfaces.
* Involved in the development of user interface applications and professional web applications using HTML5, CSS3, JavaScript, and jQuery, Ajax, JSON, XML, Node JS, Bootstrap and Angular JS.
* Develop Rest web application by Spring Boot and implemented single sign on by OAuth2.
* Provided connections using Spring JDBC to the database and developed SQL queries to manipulate the data.
* Used Apache Kafka along with Zookeeper to streaming data pipelines to get data between systems.
* SPRING Controllers were used with Angular JS to route the control to desired java services.
* Implemented RESTful webservices for communicating using JAX-RS annotations.
* Established efficient exception handling and logging using Spring AOP.
* Developed a Spring Boot based micro services application
* Extensively worked on JSON for data transfer between different hardware components through HTTP request-response model.
* Used MongoDB in developing documents with dynamic schemas and spreads data to servers.
* Created Data as A Service (DaaS) based Restful (Jersey) web service to connect to a Mongo DB.
* Experience with automation using GIT Docker Jenkins, Ansible, and Chef
* Used Spring DAO concept in order to interact with database (DB2) using JDBC template.
* Integrated GSP pages with Bootstrap files for rich User Interface.
* Worked on proof of concept for metadata ingestion process which will drive down the cost and effort to get meta data into EDPP.
* Created functional interface with useing Lambda expressions.
* Worked on building proxies and policies with in APIGEE along with security frameworks.
* Migrating existing application into REST based Micro services to provide all the CRUD capabilities using Spring Boot, which is radically faster in building cloud Micro services and develop Worked with Spring JDBC to store and retrieve data from Oracle Databases.
* Strong experience with configuration management tools i.e. Chef and Ansible.
* Working on creating a distributed network by hosting the application on AWS cloud, Amazon EC2 servers.
* Utilized spring annotations and XML configuration for Dependency Injection.
* Deployed the application to apache TOMCAT server.
* Build components scheduling and configuration using Maven.
* Used Spring Inversion of Control, to make application easy to test and integrate.
* Used Auto wired Pojo and DAO classes with Spring Controllers.
* Used Log4j to print the logging, debugging, warning, info on the server console.
* User login, search & portfolio created using HTML5, CSS3, JavaScript and JQuery
* Used GIT for version control.
* Created numerous test cases using JUnit framework and JUnit for front end UI testing.

**Environment:** Java 8, Core Java, J2EE, Angular JS, HTML5, CSS 3, Spring, Hibernate, Struts, SOAP, REST ful, Web Services, Micro Services, Spring Boot, AWS, JavaScript, Kafka, API, UML, Web Services, CSS, Linux, JMS, JSF, UNIX, Git, AJAX, MongoDB, Apache JMeter, JQuery, JUnit, Maven, Oracle 10g.

**Client: T-Mobile, Bellevue, WA Feb 2017 – Aug 2018**

**Role: Java Developer**

**Description:** T-Mobile US provides wireless voice, messaging, and data services in the United States with a huge subscriber base I was part of TMOBILE NXT GEN project which was developed from scratch. TMOBILE NXT GEN thrives on three basic principles, Mobile First, Radical Simplification and Unified experience. The aim of this project was to re-build T-Mobile website in Angular-JS.

**Responsibilities:**

* Involved in design phase and data modeling, interacted with other team members to understand the requirements for the project.
* Implemented J2EE standards, MVC architecture using Spring Framework.
* Implemented various Validation Controls for form validation and implemented custom validation controls with JavaScript and JQuery.
* Developed presentation tier using JSP, Java Script, HTML, and CSS for manipulating, validating, customizing, error messages to the User Interface.
* Used Microservice architecture, with Spring Boot-based services interacting through a combination of REST and MQ and leveraging AWS to build, test and deploy microservices.
* Worked on J2EE frameworks like spring and Struts for developing industry standard web applications.
* Designed custom Node.js module to, programmatically generate a path for a RESTful endpoint (CRUD) with MongoDB back end, provided a schema.
* Designed and developed Micro Services business components using Spring Boot.
* Developed dynamic e-mails using JavaScript, and hand coding of HTML5 and CSS.
* Expertise in creation of restful microservices using spring boot and setting up cross communication across services using Rabbitmq.
* Consumed REST based micro services with Rest Template based on RESTful APIs.
* Involved in configuration of Spring MVC and Integration with Hibernate.
* Used Spring MVC framework for design and development of web application.
* Implement API Service using Apache Camel.
* Used ActiveMQ for JMS messaging to tie Covered California applications to our billing system
* Design and develop micro services expose REST API, integrate with other micro services.
* Developed Web Application to replace the existing and legacy Website using Angular JS Framework.
* Used Apache Kafka (Message Queues) for reliable and asynchronous exchange of important information between multiple business applications.
* Experience of Angular JS to interact with a web service to render the page from data returned from the service.
* Using Spring Boot which is faster in building Microservices and develop Spring based application with very less configuration.
* Created Location Look up SOAP based web services using spring.
* Spring XML configuration for Camel Integration to messaging XML documents.
* Managed the gathering and analysis of CICD production environment statistics.
* Used Spring Boot for the Application development.
* Worked on JQuery for user interface interactions, effects and themes built on top of the JQuery JavaScript.
* Involved in spring, Hibernate &JPA integration for the entire system.
* Build RESTful web services using Spring-WS and documented the same with Swagger.
* Involved in developing Static and Dynamic pages using JSP and Servlets.
* Involved in the application involving Oracle, JAXB, web service Java.
* Worked with Jenkins and Hudson for continuous Integration.
* Involved in development of SOAP web services using Apache Axis to extract data from databases.
* Built web-based applications using Spring MVC Architecture suitable for Apache Axis framework.
* Used RESTful web services to expose certain functionalities of the application.
* Used various Core Java concepts such as Exception Handling, Collection APIs to implement various features and enhancements.
* Developed JSP pages and Servlets for customer maintenance and used Angular JS.
* Validated Web service response using SOAP UI.
* Used JSON, JQuery, and Ajax for updating the web pages.
* Used Jenkins and Maven for building application.
* Coding to build REST MicroServices using Spring Cloud, Oracle, XSD, JSON and Spring Config.
* Involved in writing SQL queries and stored procedures for data manipulation.

**Environment:** Core Java, J2EE, Angular JS, HTML5, CSS3, Java Script, Spring, spring boot, Spring MVC, Hibernate, Micro Services, Web Services, AWS, Struts, Cassandra, Kafka, Lambda, Camel, , CSS, Design Patterns, Servlets, XML, JQuery, Rest API, MongoDB, JSP,UML, Jenkins, JUnit, Oracle 10g, Log4J, CSS, Maven, ANT, Windows XP/2007.

**Client: Level 3 Communication, Broomfield, CO Mar 2015 – Jan 2017**

**Role: Java Developer**

**Description:** Level 3 Communications is an American multinational telecommunications and Internet service provider company. The project is about checking the connectivity to the network elements of the particular device. It deals with the connection to the port and checks the interface status (up/down) and BGP status (up/down) by using the peer address.

**Responsibilities:**

* Gather and prepare the requirements from clients for product design and enhancements.
* Work on Agile Methodology (Scrum Framework) to meet timelines with quality deliverables.
* Ensure standard agile practices through regular Sprint Planning, Story Sizing, Task Breakdown, Spring Retrospective Meeting and Sprint Review sessions.
* Participate in user requirement sessions to gather business requirements.
* Involved in Analysis, Design, Development, Integration and Testing of application modules.
* Work on Standalone Applications and Web Applications.
* Developed Micro services using Spring Boot and Spring Cloud.
* Deployed Spring Boot based micro services Docker container using Amazon EC2 container services.
* Worked on Spring Quartz functionality for scheduling tasks such as generating monthly reports for customers.
* Implemented Pre Authentication and database security with Site Minder and spring security.
* Built search feature based on open source tool Elastic Search. Implemented system logging solution using Elastic Search, Kibana and Logstash.
* Use Team Collaboration Software JIRA and Confluence.
* Perform Test Driven Development (TDD): NUnit Testing and Load Testing.
* Design and developed the REST based Microservices using the Spring Boot, Spring Data with JPA.
* Built a RESTful API to save and retrieve agent information in Java using Spring MVC, Apache CXF and JAX-RS
* Developed the user interface with JQuery, JSP, HTML, HTML5, CSS, and JavaScript.
* Implement the Angular MVC and two-way data binding.
* Use HTML5 and JQuery for the Uninstall Survey Page Application.
* Developed Servlets and JSPs based on MVC pattern using Struts framework and Spring Framework.
* Work on AngularJS for one of the single page application and cross browser functionality.
* Use SoapUI for testing Web Service Apache POI API to generate Output files
* Use REST API with JAX-RS for consuming web services to handle two interfaces XML and JSON.
* Work on Single Sign in survey page application.
* Use Spring boot for Single Sign on page application to access more quickly.
* Use Eclipse IDE for coding, debugging and testing the application modules
* Design the Cascaded Style Sheets for designing the styles, skinning and layouts
* Involved in designing the page layouts using Wire Frames templates
* Use Object/Relational mapping tool Hibernate to achieve object to database table persistency
* Implement Batch Updates using Spring and configured beans in Application Context file
* Use the features of Spring Core layer (IOC), Spring AOP, Spring ORM layer and Spring DAO support layer in order to develop the application
* Involved in the configuration of Spring Framework and Hibernate mapping tool.
* Extensively worked on JDBC Prepared statements and callable statements to access data base
* Work on Java Messaging Services (JMS) for developing messaging services
* Involved in configuring hibernate to access database and retrieve data from the database
* Use Oracle 10g Server as the backend database storage
* Create data base tables according to the application requirements
* Develop stored procedures and triggers with PL/SQL
* Implement the application using Agile development methodology
* Involved in report generation and printing of the reports
* Develop Maven and ANT Scripts to do compilation, packaging and deployment in Application server
* Use Jenkins as an Integration Built tool.

**Environment:** Java, Servlets, Spring, Hibernate, HTML, CSS, JavaScript, JQuery, AngularJS, AJAX, Eclipse, Jenkins, Maven, Git, Log4J, Ant, Tomcat, Oracle 10g, JUnit, UML, Unix, Design Patterns, Shell Scripting, Spring boot, SQL, PL/SQL, Struts, JSP, JSTL, Apache CXF, Agile, Unix, SOA, Apache Axis, JMS, JIRA, Confluence.

**Client : Fidelity Investments, Boston, MA June 2013 – Feb 2015**

**Role:Java Developer**

**Description:** Fidelity Investments is an international provider of financial services and investment resources that help individuals and institutions meet their financial objectives. This Project is to build and maintain web based J2EE software to process and distribute data to different customers **Responsibilities:**

* Implemented and integrated Spring Framework with Struts.
* Worked on Spring framework for dependency injection, transaction management and AOP.
* Used Spring Framework for Dependency injection and integrated with the Struts Framework and Hibernate.
* Designed and coded Business Classes using Spring IOC and AOP features.
* Created connections to database using Hibernate session Factory, using Hibernate APIs to retrieve and store data to the database with Hibernate transaction control.
* Involved development of front-end components using JSP, JavaScript, and Java.
* Designed and developed all components JSP, controller, spring configuration, and DAO and Hibernate configuration for various modules.
* Interpreted and manipulated spring and hibernate configure files.
* Developed and Refracted the Action Servlets and JSPs using Struts following MVC architecture.
* Used the JNDI for Naming and directory services.
* Used Hibernate framework for back end development and Spring dependency injection for middle layer development.
* Design and developed Web services (SOAP) client using AXIS to send service requests to Web services.
* Web UI development using JSP, CSS and JavaScript.
* Design and Development of User Interface using Struts tag libraries
* Developed User- Interface screens involving Servlets, JSP, JavaScript and XML DOM parser.
* Used JSON as response type in REST services.
* Implementation of XSLT processing on server with JSP and WebSphere.
* Wrote Database objects like Triggers, Stored procedures in SQL.
* Used Spring MVC framework controllers for Controllers part of the MVC.
* Application was designed and developed using the Spring framework
* Implemented various Java design patterns like Front Controller, Service Locator, Business Delegate and Data access Object, Factory Pattern, Session Façade, etc.
* Created user-friendly GUI interface and Web pages using HTML and DHTML embedded in JSP.
* Managed Object Persistence, Data retrieval using Hibernate, Spring Framework with SQL Server as backend.
* Using OOAD Technology classes are designed in UML with the help of Rational Rose tool.
* Develop UML diagrams like use case, sequence, class diagrams and design documents.
* Used ANT scripts to build the application and deployed the application on the application server.

**Environment:** Java, EJB, Struts , AJAX, Hibernate, Spring, JSP, Servlets, Web Services, JMS, XML, SOAP, WSDL, JDBC, JavaScript, UML, HTML, CVS, Log4J, JUnit, Rational Rose, Oracle, UNIX.

**Client: Union Bank, Los Angeles, CA Jan 2012 – May 2013**

**Role: Java Developer**

**Description:** The application was for Online Banking. The application provides client account information like account summaries, account details, monthly statements, balance transfers, accrued interest, check ordering, loan application, credit cards and financial services. **Responsibilities:**

* Involved in the analysis, design, and development and testing phases of Software Development Lifecycle (SDLC) using agile development methodology.
* Implementing Servlets, JSP and Ajax to design the user interface.
* Used JSP, Java Script, HTML, and CSS for manipulating, validating, customizing, error messages to the User Interface.
* Maintained the existing code based developed in Spring and Hibernate framework by incorporating new features and fixing bugs.
* Designed and developed all the user interfaces using JSP, Servlets and Spring framework.
* Created an XML configuration file for Hibernate for Database connectivity.
* Involved in setting up of JMS Connection factory and Queues in Web logic Application server along with appropriate JNDI names.
* Developed custom controllers for handling the requests using the spring MVC controllers.
* Developed Client Side Validations using Java Script and server side validations using Struts validation framework.
* Extensively used the JSP in the view side of MVC.
* Used Struts tag libraries, JSTL and created web interfaces using JSP technology.
* Developed the dynamic User Interface using JSP utilizing Custom Tag Libraries, HTML, CSS, and JavaScript.
* Developed a web-based reporting for monitoring system with HTML and Tiles using Struts framework.
* Used the RAD for creating and deploy the application on IBM Web sphere Application Server.
* Incorporated JUnit into the code to do the unit testing around the developed module.
* Used JDBC connection and access database procedures.

**Environment:** Java, HTML, CSS, JavaScript, AJAX, XML, JAXP, SOA, Hibernate, Servlets, Spring Framework, Struts Framework, JSP, SWIFT, EJB, JMS, RAD, Windows XP, 2007.