**Prasanna**

**Email: Prasanna.gjava@gmail.com**

**Sr. Java Full Stack Developer**

**Phone: (469)-213-8833**

**Professional Summary:**

* Software Professional with **8+ years** of experience in Object Oriented programming, design, developing and testing of Client/Server, Enterprise and Web Applications.
* Proficient in the development of Client/server and web applications using **JAVA, J2EE, J2SE**, technologies and **Web technologies** for enterprise applications.
* Expert in developing enterprise web-based application based on Java technologies using **J2EE, J2SE, EJB, Java Servlets, Struts, Java Beans, JMS, JNDI, ANT and Apache Maven**.
* Expertise in developing web-based **GUIs** using Java **Applets, HTML, DHTML, JavaScript, XML, DOJO, AJAX, JSF**, & **spring form** tags.
* Seasoned professional in various frameworks: **Struts, Hibernate, Spring 2.0, JSF**.
* Extensive work experience in **JSP, Servlets, JavaScript, JDBC**.
* Experience designing **Enterprise SaaS** solutions for multi-tenancy.
* In-depth knowledge and experience in implementing Service Oriented Architecture (SOA) using XML based **SOAP/RESTful** web services. Knowledge of Software as a Service (SaaS).
* Strong understanding and excellent skill in developing, designing, professional, Ajax driven elegant enterprise web application using **Ajax, Flex, Action Script and JavaScript, CSS, HTML, Custom Tag Libraries, JSF, JQuery**, **Dojo, ExtJs** and various java design patterns.
* Extensive Knowledge on databases like **Oracle, DB2 and MySQL.**
* Developed **ANT scripts**, and used **MAVEN** tool to build and deploy J2EE Applications
* Proficient in working with JavaScript Frameworks like **AngularJS, Backbone.js, Node.js.**
* Working Knowledge on **XML, XSLT, XPATH, XQUERY**, and **XSL-FO.**
* Experience utilizing **AWS Cloud Formation** to automate infrastructure provisioning and deployment to reduce time to production.
* Experience with Docker, leveraging Linux Containers and AMI's to create Docker Images/ containers.
* Good Experience using Object Relational Mapping (ORM) like Hibernate and JPA.
* Experience in working with messaging systems like Kafka, Event Sourcing, RabbitMQ and Active MQ.
* Experience in developing the **micro services** to get the advantage of rapid performance and inter module communication across the application.
* Hands on experience in implementing client-server business applications using **MVC, SOA** architecture and **Micro Services.**
* Hands on experience in configuration and deployment of multi-tier applications using servers like **WebSphere, WebLogic, Tomcat.**
* Hands on experience in **spring data, spring security, spring LDAP**.
* Extensive experience to SOA (Service Oriented Architecture) and experience in developing web services using **Axis, WSDL, SOAP, UDDI, WS\_Security, XML-RPC and JAXB/JAXP**.
* Extensive experience working in **Spring 2.5/3.0 framework, spring boot, Struts 1.0/1.1/2.x framework, O/R Mapping Hibernate 3.x framework and web services (SOAP and RESTful).**
* Strong experience in writing **SQLs, stored procedures, joins and Triggers.**
* Good working knowledge of database tools like **TOAD, PL/SQL, Db Visualizer** and SQL Navigator.
* Very good experience in **OOAD, UML, Rational Rose** Methodologies.
* Working experience in relational databases like **ORACLE** and **SQL Server, DB2.**
* Very good knowledge in writing **Shell, ANT scripts** for building the projects.
* Good working knowledge of Ant for project build/test/deployment, **Log4j** for logging and Junit for unit and integration testing.
* Strong knowledge of IDE's **Eclipse, Net Beans, IBM Rational Application Developer (RAD 7.0.0), WebSphere studio** application developer.
* Design and development of web-based applications using different web and application servers such as **Apache Tomcat, WebSphere 8.0, JBoss, 7** and **WebLogic.**
* Implemented **Unit Testing** using **Junit** and **Integration Testing** during the projects.
* Used **SVN, CVS, Harvest, Clear case and Clear Quest** for Version controlling and error reporting.
* Excellent analytical, problem solving and interpersonal skills. Ability to learn new concepts fast. Consistent team player with excellent communication skills

**Technical Skills:**

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| **Languages** | Java 8.0/7.0/6.0/5.0, Java/J2EE, C, C++, Python, JDBC, DTD, UML, Design Patterns, Shell Scripts, SQL and PL/SQL |
| **Frameworks** | Spring 4.x/3.x/2.x, Hibernate 4.0/3.0, Struts 1.x/2.0, Django. |
| **Web Technologies** | HTML/XHTML/HTML5, CSS/CSS3, Servlets, JSPs, EJB, JNDI, JMS, XML, XSD, JSF, JQuery, Ajax, AngularJS, NodeJS, ExtJS, Bootstrap. |
| **Web/Application Servers** | Apache Tomcat 5.x/6.x/7.x/8.x, IBM WebSphere, BEA Web Logic 9.x/10.x/12.x, J-Boss 6.x/7.x, GlassFish, JMS, Apache Kafka. |
| **Cloud Environments** | Amazon EC2, Amazon S3, Amazon SimpleDB, Amazon RDS, Amazon Elastic Load Balancing, AWS Lambda, Amazon SQS, Amazon Identity and Access Management, AWS Cloud Watch, Amazon EBS, Amazon Cloud Front, Netflix Eureka, Kubernetes. |
| **IDE’s** | Eclipse, NetBeans, STS2.x/3.x, IBM -WSAD, RAD and Rational Rose, IntelliJ 14.x/15.x |
| **Database** | Oracle 11i/11g/10g/9i/8i, SQL Server, MySQL, Sybase 12.5, DB2, MongoDB and Cassandra |
| **Web Services** | AXIS, SOAP, RESTful, JAX-RPC, JAX-RS, JAX-WS, WSDL, JAX-P, JAX-B. |
| **Version Control** | JIRA, CVS, SVN, GitHub, Subversion and Clear Case |
| **Build Tool / plugin** | ANT, Log4j and Maven 3.x, Hudson 3.x, Jenkins 2.x. |
| **Testing Frameworks** | Junit, SOAP UI, Selenium, Jasmine, Karma, Protractor. |
| **Operating Systems** | Windows, Unix, Linux and MAC. |

**Work Experience:**

**Client: Gordon Food Service, Grand Rapids - MI September 2017 - Present**

**Role: Sr. Java Full Stack Developer**

**Responsibilities:**

* Involved in **SDLC** requirements gathering, analysis, design, development and testing of application developed using **AGILE** methodology.
* Created user-friendly **GUI** interface and Web pages using **HTML5, CSS3, Java Script, JQuery, Angular JS** and **NodeJS**.
* Implemented the **UI** using **Bootstrap.**
* Defined new validations through **AngularJS** for the form field validation implemented through **HTML5.**
* Used **Spring MVC, Ajax** and **Dependency Injection** for handling presentation and business logic.
* To maintain loose coupling between layers published the business layer as services and injected the necessary dependent components using **Spring IOC** and published cross cutting concerns like Logging, User Interface exceptions, Transactions using **Spring AOP.**
* Integrated **Spring DAO** for data access using Hibernate.
* Used **Spring Security** for Authentication and Authorization of the application.
* Implemented persistence framework using Hibernate & Handled Transaction Management using the provided data source.
* Wrote Docker files for creating Docker images for micro services and Docker containers for environment.
* Used Kubernetes to deploy Docker containers.
* Experience in Micro services development using Spring Boot and deployment in Pivotal Cloud Foundry (PCF).
* Integrated **Spring** and **Hibernate** together and worked on developing backend components and services using Hibernate and spring.
* Consumed Web Services to interact with other external interfaces to exchange the data in the form of **XML** and by using **SOAP.**
* Followed **Spring Boot** and **Spring framework** for the development of the project.
* Developed various **AJAX** and **JSON** calls for the communication between the server and the UI.
* Established Database Connectivity using **JDBC, Hibernate O/R mapping** with **Spring ORM** for **MySQL** Server.
* Used **JavaScript** and **Struts 2** validation framework for performing front end validations.
* Involved in creating the **Hibernate POJO** Objects and utilizing Hibernate Annotations.
* Written **LINUX shell scripts** to identify user login information.
* Used **log4J** for application logging and notification tracing mechanisms.
* Analysis and Bug fixing of the production problems and defects along with enhancements.
* Used **GIT** as source control management giving a huge speed advantage on centralized systems that must communicate with a server.
* Used **J-Unit Testing** and **Ant Scripts**.
* Used **JIRA** for tracking the Project Stories in **AGILE** Methodology.

**Environment:** Java 8.0, AngularJS, HTML5, CSS3, WebSphere Application Server 8.5, Eclipse, Docker, Spring 4, Hibernate 4.2, Spring batch, Spring security, Spring Boot, JPA, PCF, JavaScript, Oracle 11g, MongoDB, Web Services, SOAP UI, Kafka, DevOps, AWS, Apache Camel, log4j, Junit, TestNG, Selenium, EasyMock, XML.

**Client: Conduent, Florham Park - NJ May 2016 – Aug 2017**

**Role: Sr. Java Full Stack Developer**

**Responsibilities:**

* Followed **Agile** Software Development Methodology and Test-Driven Development (**TDD**) to build the application iteratively and incrementally.
* Implemented Java EE components using **Spring MVC, Spring IOC, Spring transactions and Spring security modules.**
* Implementing or exposing the **Micro services** to base on **RESTful API** utilizing Spring Boot with Spring MVC.
* **Kubernetes** were used as the best ecosystem to deploy and manage Micro services.
* Implemented a distributed messaging queue to integrate with **Cassandra** using **Apache** **Kafka** and **Zookeeper**.
* Implemented the application using **design patterns** such as **Session Facade**, **Business Delegate**, **Bean Factory**, **Singleton**, **Data Access Object**, and **Service Locator**.
* Created Server instances on **AWS**. **Tomcat, Swagger** and **hawtio** are installed and used for deploying **Micro-services.**
* **Configured the Docker Containers and creating Dockers files for different environments.**
* Experience on **Cloud Formation template stacks** to automate for building new VPC's using JSON files.
* Performed configuration, deployment and support of cloud services including **Amazon Web Services**.
* Rewrite existing Java application in **Python** module to deliver certain format of data. Generated Python Django forms to record data of online users.
* Experience in Pcf (Pivotal Cloud Foundry) and designing Mongo DB multi-shared cluster and monitoring with MMS.
* Initially we have used **NodeJS**/**ExpressJS** to mock **REST** services and built the UI app using that mocked backend. Later we integrated with the real backend system and coordinated with server-side development team.
* Used **JUnit** for unit testing and **log4j** for logging. Developed test cases for Front Endusing **Jasmine and Karma**.
* Used **Rabbit MQ** queues for implementation of multi-threaded synchronization processes and used **JMS** queues for consumption requests.
* Enhanced and optimized the functionality of Web UI using **RichFaces**, **JSF**, **AJAX**, **CSS**, **HTML** and **JavaScript**.
* Fetched **JSON** data within Orchestration Layer with **Spring** **Boot** **Application** and displaying it in UI.
* Software is built as a web app on **NodeJS** with **CSS** is compiled with **LESS** and **HTML** template engine in Jade.
* Implemented various features of **spring** framework such as **Dependency Injection**, **IOC**, **Annotations** and **Spring integration** with **Hibernate**.
* Utilized Hibernate for **Object/Relational Mapping (ORM)** purposes for persistence onto the Oracle database.
* Involved in **PL/SQL** changes whenever needed in the application and used **TOAD** as Oracle client to access tables, Packages, Jobs and stored procedures.
* Integration of **automation** batch run job with **Jenkins**. Worked with Jenkins CI tool and Build Tool **Ant**.
* Involved in **JAD** sessions to gather requirements from the end clients.
* Used **GIT** as version management, JIRA for defect management system.
* Implemented application architecture of the System is based on **Spring MVC** and **J2EE** specifications.
* Experienced in **Security-System development** for Web Applications. Involved and developed all phases of security implementation using spring security system against modes of authentications: **LDAP authentication, Database authentication and Pre-Authentication.**
* Integrated application with **Spring Security for form based authentication and authorization** by used spring security JSP tags to provide UI level spring security.
* Worked on **Spring** **Quartz** functionality for scheduling tasks such as generating monthly reports for customers and sending those mails about different policies.
* **Used PL/SQL** stored procedures for applications that needed to execute as part of a scheduling mechanisms.
* Handled Java **MultiThreading** part in back-end, one thread will be running for each user, which serves that user.
* Defined strategic initiatives on **Continuous Integration & Delivery (CI/CD**) model with **Test-driven development, Extreme programming (XP)**, and build automation, in an AGILE development environment to help, respond quickly to business needs and to ship world class Quality products.

**Environment:** Spring Boot, Python, Kubernetes, JPA, JavaScripts, NodeJS, Java 7.0, Spring 3, Hibernate 4.2, Spring batch, Spring quartz, Spring security, Spring Jta, HTML5.0, Docker, CSS3, JMS, PCF, log4j, JUnit, XML, Web Services, GIT, DevOps, AWS, Rabbit MQ, JAXP (SAX & DOM), JBoss, Eclipse, Oracle 11g, Cassandra, Kafka, RESTful.

**Client: Bank Of New York Mellon – Jersey City - NJ February 2014 – April 2016**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Involved in all phases of project from analysis and requirement phase to delivering the project.
* Created **System Requirement Specifications (SRS)** report of the project by collecting all the requirements from client.
* Developed the functionalities using **Agile** Methodology.
* Designed front-end presentation logic using **JSP, CSS3** and **Strut** tags.
* Implemented client-side validations using **JavaScript**. Developed various generic JavaScript functions for validations.
* Developed internal coding using **J2EE** technologies based on the **MVC Architecture.**
* Implemented Business Logic using **Java 1.6, Spring 3.1, Struts 2.0** and **Hibernate 3.0.**
* Developed Business objects using **POJO**s and data access layer using **Hibernate** framework.
* Achieved Dependency injection by creating **Spring services, Spring controllers** and DAOs to wire objects of business classes.
* Implemented exception handling in Java **Spring boot for REST API,** by making use of Exception Handler and Controller Advice annotations.
* Used **AngularJS** and **Handlebars.js** framework where data from the backend is stored in the model and populated it to **UI.**
* Used Hibernate Transaction Management, **Spring/Hibernate Batch Transactions, Hibernate** cache concepts.
* Created **session EJBs** that retrieved information from the Oracle database using **Spring-Hibernate.**
* Implemented react-navigation and nested views to enhance navigation and create the click-able prototype.
* Used **AJAX** extensively to implement front end /user interface features in the application.
* Implemented **REST Web services** to retrieve data from client side.
* Exposed the **Web Services** to the client applications by sharing the **WSDL's.**
* Created logical and physical data models putting to practice, concepts of normalization and **RDBMS.**
* Created new tables, **PL/SQL stored procedures**, functions, views, indexes and constraints, triggers and required **SQL** tuning to reduce the response time in the application.
* Focused on Test Driven Development; thereby creating detailed **JUnit tests** for every single piece of functionality before writing the functionality.
* Used **Jenkins** to load **JAR files** from Database required for running the application.
* Used **Maven** building tool for creating **EAR** file to be deployed in application servers. It is also used for dependency management of code in application.
* Used **Eclipse IDE** to develop and debug application code.
* Used **Log4j** utility to generate run-time logs.
* Used **SVN** for project management and software version management.
* Deployed the application on **Web Sphere** application server for Staging and as well as for Production

**Environment:** J2EE, Java 1.6, Spring framework, Spring MVC 3.5, Hibernate 3.x, JSP 2.0, CSS3, Servlets 2.3, JDBC, AJAX, Web services, REST, XML, Java Beans, Ext JS, JQuery, JavaScript, Oracle 11g, Eclipse, Web Sphere, Agile Methodology, SVN, Maven, Jenkins, JUnit, WinSCP.

**Client: YASH Technologies, Hyderabad - IN November 2012 – January 2014**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Responsible for the systems design, architecture, implementation and integration with various technologies like Spring Integration, Web Services, Oracle Advanced Queues and WMQ’s.
* Implemented framework **Spring 3.05** and **Spring Integration 2.0.5** upgrades.
* Used **OSGi** container framework to install bundles (modules) developed using **Spring** and Spring Integration.
* Worked on **UI** development using **JSP** on **Struts** and **Spring MVC** Frameworks.
* Develop and test **PL/SQL stored procedures.**
* Developed **DAOs (Data Access Object)** and DOs **(Data Object)** using **Hibernate** as ORM to interact with **DBMS - Oracle**
* Developed modules that integrate with web services that provide global information
* Used Web services to communicate and integrate within different system.
* Used **Log4j** for logging the application, log of the running system to trace the errors and certain automated routine functions.
* Build applications using **MAVEN.**
* Learn and implement upcoming technologies and software updates.
* Participates in high level and low-level design discussions.
* Worked as **Web Dynpro Java** developer and developed custom applications, and creating the Portal screens.
* Create and access **JAX-RS REST** and **JAX-WS SOAP** based Web Services, to access internal and secured applications inside and outside the intranet.
* Responsible for development, testing, deploying and maintaining **Spring Integration** projects on Virgo (OSGi Container).
* Modified and enhanced the Division of Disability Determinations case processing application.
* Designed and developed functions used by Division of Disability analysts when adjudicating a case and managing caseloads in **Java/Oracle** environment.
* Diagnoses and resolves application bugs and monitoring logs files across the application.
* Reviews code from other developers to ensure it meets design standards.

**Environment:** Java 1.6, servlets, JSP, JMS, Struts, HTML5, CSS, JavaScript, Oracle 10g, Junit 3.x, SOAP, XML, web logic, SQL, Hibernate, Spring 3.3.

**Client: Lansys Technologies, Hyderabad – IN July 2010 - October 2012**

**Role: Java Developer**

**Responsibilities:**

* Used **Spring Framework** for Dependency injection and integrated with the **Struts** and **Hibernate**.
* Developed the Web Tier of the application using **Jakarta Struts Framework**.
* Developed the application using **Java, JSP, Servlets** and **Oracle 9i**.
* Developed a stand-alone **JAX-WS** client to invoke the available web services. It involved creating auto-generated classes from WSDL using **JAX-B** implementation in **IBM RAD**.
* Wrote **GWT** code to create presentation layer using **GWT** widgets and event handlers.
* Developed Stored Procedures, triggered stored procedures using **Hibernate** in **secondary project**, involved in developing Programmatic transactions using **Hibernate**.
* Designed, developed, and deployed **EJB components** (Session and Message Driven beans).
* Expertise in developing integration services in **SOA** by offering Web Services (based on **XML**) on **SOAP Layer**.
* Involved in design and developing web services using **SOAP, XML, WSDL, XML Schemas, JAXP** and **XSL**.
* Used Rational Rose for **UML** diagrams.
* Used **Cucumber** to reveal and document, drive development of behavior in a large legacy code base.
* Added **Ajax** functionality to Java Server Faces using **Ajax4 JSF framework**.
* Used **JMS** Point-to-Point queuing model and developed Message Driven beans to consume messages from **JMS**.
* Used **PL/SQL** stored procedures for applications that needed to execute as part of scheduling.
* Designing/Developing J2EE applications/POCs using **Java/J2EE** with AspectJ on BEA **Weblogic server.**
* Customized RESTful Web Service using **Spring RESTful API**, sending **JSON** and **XML** format data packets between front-end and middle-tier controller.
* Developed a Servlet, which was tested on **Apache Tomcat, Jboss** and **Weblogic**.

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