**SandeepJavvaji**

**Full Stack Java Developer**

**Ph: 419-285 6843.**

**Work Email:** [**sandeep.javvaji@tiaa.com**](mailto:sandeep.javvaji@tiaa.com)

**Email:** [**sandeep.apr7@gmail.com**](mailto:sandeep.apr7@gmail.com)

**Professional Summary:**

* Experienced IT professional with **around 8 years of experience** in Object Oriented programming, Requirements gathering, Analysis, Design , Testing and Maintenance under Client/Server Environment
* Extensive experience in different software development methodologies like **Waterfall,** and **Agile (SCRUM), RUP, TDD, RAD**
* Hands-on Experience in **Insurance, Banking, Ecommerce, Financial Domains**
* Expertise in developing web based **GUIs** using Java Applets, HTML5, CSS3, AngularJS, Node.js, Bootstrap, JSON, JSTL,DHTML, JavaScript, XML, DOJO, AJAX, Python, PHP and JSP
* Good Experience with Java Script MVC framework **AngularJS** and knowledge on other frameworks like **Backbone.js, Node.js, Angular-2**
* Expert in developing enterprise web-based application based on **Java** technologies using J2EE, J2SE, Java Servlets Spring, Struts, Swing, Java Beans, JMS, JNDI, ANT, JPA and Apache Maven
* Hands on experience on configuration and deployment of n-tier applications using servers like **Apache Tomcat, JBOSS, Web Logic, IBM Web Sphere, Open shift.**
* Extensive experience to (Service Oriented Architecture) and experience in developing Web services **REST** and **SOAP** using Apache Camel, CXF, WSDL, SOAP, UDDI, WS-Security and JAXB/JAXP
* Experience in getting the Functional/Business Requirements from the Client/Analysts and preparing Detail Design Documents using **UML**
* Expertise in API design with **Algorithms** and **Data Structures** (Hash Code, Tree, etc)
* Strong knowledge in **Core Java** that includes usage of **Util** package for maintaining data structures, Threads, Exceptions handling etc
* Experience in working with **Java 8** features like Functional Interface, **Lambda** expressions, **Java Stream API** and **Time API**
* Proficiency in developing software design patterns/frameworks **J2EE Design Patterns** (MVC, Business Delegate, Service Locator) and GOF Design Patterns (Abstract Factory, Singleton, Session Factory, Template Method, Strategy Pattern) using **Struts, Spring, Spring Boot** and **Spring Security**
* Experience on **MuleSoft** Anypoint API platform on designing and implementing Mule APIs
* Strong exposure to persistence frameworks Hibernate ORM, JPA to map POJOs to a relational database
* Experience in Database and Interfacing skills using **SQL, PL/SQL, Oracle DB, MS SQL, Mongo DB** and stored procedures
* Strong experience in writing **SQLs**, Stored procedures and Triggers
* Strong knowledge on various IDEs like **Eclipse, JBuilder, Net Beans, Web Sphere Studio Application Developer(WSAD), IBM RAD, Notepad++**
* Familiar with Networking, **TCP/IP, UDP** concepts and knowledge about **IP Addressing**
* Hands on experience with version control systems like **CVS, SVN and GIT**
* Strong knowledge on JMS MQ’s like **RabbitMQ, IBM MQ, ActiveMQ**
* Good Working Knowledge of Ant, Jenkins, Maven and AWS for project build/test/deployment, logging and JUnit for unit and integration testing
* Knowledge on **Jasmine, QUnit and karma** helps to do unit testing as well as end to end testing
* Worked on bug tracking tools like JIRA, Bugzilla and Putty
* Experienced in Open Shift cloud models for Infrastructure-as-a-Service(**IAAS**), Platform-as-a-Service(**PAAS**) and Software-as-a-Service(**SAAS**)

**Professional Experience:**

**TIAA CREF Charlotte NC Nov’16-Present**

**Sr. Java Full Stack Developer**

**Responsibilities:**

* Managed projects by utilizing **Agile Methodology (SDLC)** : Requirements gathering, Design, Code, Integrate, Deployment and Production phases
* Elaborated on the **Use Cases** based on business requirements and was responsible for creation of class diagrams, sequence diagrams to understand the existing architecture
* Used **JSF, HTML5, Ext.js, SCSS, Bootstrap** and **jQuery-UI** to develop the User-Interface (UI) panels
* Developed presentation layer and **GUI** Framework using S**CSS&HTML5** and Client Side validations were done using **JavaScript** and some server side validations with Java code
* Developed Single Page Applications (SPA) using **Angular2, MEAN Stack(seeded Project)**
* Implementation of a responsive UI which will scale itself depending on the device, platform and browser,   
  using **Angular 2**, **HTML, CSS, Bootstrap, Webpack, Angular-cli**
* Written modular, secure, and well-tested front-end code in **Typescript**, **HTML5** and **SCSS** using the latest web
* Created **Typescript** reusable components and services to consume REST API's using Component based architecture provided by **Angular 2.0**
* Used **Web Services**- Rest for client side for exchange rate calculation and Restful JAX-RS to communicate over the network by using **Spring Boot** in **MICRO SERVICE** Architecture
* Used **JDBC** for accessing database to track all sessions of accounts, which include Quotes, financial details and Provider/Member info with all selected criteria
* Used **Java 8 Lambda** expressions for array operations, collections and Enhanced Concurrency methods etc. throughout the application for well-defined programming. Used Java 8 **Stream APIs** and functional style of programming
* Taken care of complete Java multi-threading part in back end components
* Used Java Message Service **(JMS)** for reliable and asynchronous exchange of important information that consumes the message from Java Message Queue
* Migrated the legacy code from **Struts MVC** objects like Action Servlet, Controllers, Web Application Context, Handler Mapping, Message Resource Bundles, and Form Controller to **Spring MVC**
* REST API’s development with Spring Boot, configuration and maintenance of Micro services with CXF
* Developed **Hibernate** configurations and session-per-request design pattern for connecting to database connectivity and to access the sessions for database transactions respectively
* Created **Maven** build file to build the application and deployed on **WebSphere** Application Server and used **WebSphere MQ** as enterprise level messaging service
* Developed business logic and managed the transactions with the database to deliver the content to the presentation layer and also to store the data into the data layer. Developed stored procedures using **SQL**
* Developed **Mule ESB** flows using Java and Mulesoft Connectors
* Designed and developed **Mule** work flows that involved connectors like HTTP, VM, Pay Load.
* Designed Mule Polices for CORS.
* Worked on Mule testing (M-unit test cases) for mule flows.
* Implemented **DAO (Data Access Object**) design pattern to access data from **Oracle** database
* Used **Web-sphere** Application Server to deploy and restart Web applications
* Co-ordinate with QA lead for development of test plan, test cases, test code and actual testing responsible for defects allocation and resolution of those defects
* Used **Selenium** for L2 **and cucumber** for L3 **Webdriver** for automating functional testing and to identify various critical points in applications
* Configured **Jenkins** for Meeting Service to check out the code from Serena, Build the Service War using **Maven** Scripts and Deployed on Development and Integration Servers
* Monitored error logs using **Log4J** to Debug and fixed the problems and Created exhaustive **JUnit** test cases
* Involved in post-production support and maintenance of the application
* Resolved production errors and deployed applications for end users

**Environment:Java 1.8, SDLC, J2EE, JSF, JSP, JMS, Sping 3.0, Spring, Spring Boot, HTML5, Json, AJAX, jQuery, JavaScript, SCSS, Angular2.0, JavaFX Ext.js, Node.js, Spark, REST, WSDL, Jenkins,Gradle3.4, GIT, XML, IntelliJ, IIB 9,MongoDB, Selenium, Docker, Ansible, TypeScript, Mule Soft ESB.**

**Beckman Coulter, Brea, CA January’15- Nov’16**

**Sr Java Full Stack developer**

**Responsibilities:**

* Migrated **Waterfall** to **Agile** methodology and effectively took part in Daily Scrum meetings to deliver the tasks and project within time
* Responsible for gathering the requirements from the client by participating in design discussions and implementation feasibility analysis
* Developed Use Case Diagrams, Object Diagrams and Class Diagrams in **UML**
* Configured logging for the application and also to track **CRUD** operations on the database by developing **Spring AOP** programming
* Developed and published server-side business logic in a simple **POJO** for various account portfolios, equities, asset ratios by using **Core Java** Collections, Generics
* Utilized various **JavaScript** and **jQuery** libraries, **AJAX** for form validation and interactive features
* Prepared Documentation for Mule Testing Approach & Practices.
* Designed and Developed UI components, which includes layered POVs and Carousels using frameworks **react.js** and **jQuery** in conjunction with **Bootstrap, Node.js**
* Implemented core features of **AngularJS** framework such as Dependency Injection, Data binding, Filters, custom directives and Templates.
* Developed Web Service provider methods using **WSDL** and JERSEY-**RESTful** for transferring the data between Applications
* Worked on **XML parser** by using **JAXB** for **XML** Schema Validation. Used **XSLT** to transform my XML data structure into **HTML** pages
* Developed project specific **Java APIs** for the new requirements with effective usage of data structures, algorithms and Core Java OOPS concepts
* Worked on **Java/J2EE**  application development in defining functional and technical specifications
* For reliable and asynchronous exchange of important information, such as order status report, delivery report by using **JMS ( Java Messaging Services)**
* Created the clustering Topology in **WebSphere** Application Server to achieve Work Load Management(WLM), High Availability, Load Balancing and Hardware fail over
* Developed **Mule ESB** flows using Java and Mulesoft Connectors  
  Designed and developed **Mule** work flows that involved connectors like HTTP, Database, Web-service Consumer, JMS, SOAP, and FILE
* Designed Mule Polices for CORS.
* Used **Spring IOC** for dependency injection and Spring AOP for cross cutting concerns like logging, security and transaction management
* Used **Spring** ORM support for **Hibernate** to manage efficiently Hibernate Resources and consistent exception Hierarchy. Experience in implementing the Service Oriented Architecture **(SOA)**
* Extensively used **Hibernate/JPA** and **Spring-JDBC** in data access layer to access and update
* Developed stored procedures and triggers using PL/SQL in order to calculate and update the tables to implement business logic using **Oracle** database
* Utilized AWS stack and cloud formation to configure and deploy Java applications on **Amazon Web Services**
* Designed and developed **XML** processing components for dynamic menus on the application
* Extensively used the **Log4j** for Logging Errors, debugging and tracking and Exception statements
* Used **Maven** for creating build files. Developed the application using **Eclipse IDE, GIT** for version control and **Jenkins** for continuous integration
* Used **GIT** for code versioning system, for building the application in repository and for production code maintenance. Used **JIRA** to test the application
* Co-ordinate with QA lead for development of test plan, test cases, test code and actual testing responsible for defects allocation and resolution of those defects
* Involved in various internal releases of the application and supported the application modules during UAT and PROD environments
* Installed, Maintained and Configured **Unix/Linux** environments on all servers including networking, clustering, storage and applications

**Environment:Java 1.7, JSP, UML, AJAX, WebSphere, Spring MVC, Hibernate, Eclipse, GIT, Jenkins, JMS, RabitMQ, XML, Spring, AWS, RESTful service, WSDL, Oracle 11g, SCALA, Windows XP/7, LINUX, Bootstrap, Node.js, Log4j, Swing, Tableau, Mule Soft ESB.**

**Burlington Coat Factory, NJ September’13–December’14**

**Sr. Java Developer**

**Responsibilities:**

* Requirement Analysis and Documentations as per **SDLC** methodologies
* Worked closely with the Business/Users team in translating technical requirements
* Implemented **Spring MVC** architecture using **Spring, JSP & JavaBeans** to migrate from **Struts Framework**
* Integrated **Spring**(Dependency Injection) among different layers of an application
* Developed modules to interact with other enterprise applications using Web services **WSDL** and **SOAP**
* Involved in Project co-ordination between offshore and onsite teams for maintaining mutual communication and update information by sending Daily Status Reports of maintenance and development of the project
* Developed applications in a single page (SPAs) using various JavaScript frameworks like **AngularJS**, **Backbone.js** and **Ext.js**
* Retrieved Statistical/Analytical data, accessed text corpora by using **NLP** in **Python** and **R** language
* Developed applications using **Ext.js** with extensive server calls using **AJAX** and strong hold in handling the server data and exceptions to provide interactive user experience
* Used **Spring** Inversion of control and Transaction Management for processing batch files
* Worked on migrating Persistence layer from simple **DAO** to **Spring/Hibernate**
* Developed web layer using **Springs** framework and to manage the project in MVC pattern
* Used **Tomcat** Application Server for configuring and deploying the application
* Used **Multi-Threading** to make it Asynchronous for faster and parallel processing of documents
* Accessed the **Oracle** database by using **Hibernate** as persistence framework for **DAO** layer
* Associated with DBAs in installation of Oracle DB on Linux servers & for tuning, backup and restore
* Created schema documents for **XML** validation and developed XML schemas. For input and output sources of Web Services defined various **XML** documents
* Worked on generating the web services classes by using WSDL, UDDI, SOAP, Spring-WS
* Involved in Unit testing of application using **JUnit** and built the package using **ANT**
* Good hands on **UNIX** commands, used to verify the log files on the Production Server
* Used **SERENA** for Version Control and Used **Rally** as bug tracking tool
* Fixed bugs in different testing faces with the help of **Log4J** logs

**Environment:Java 1.6, JavaBeans, SDLC, Spring MVC, JSP, Java Beans, Spring, Hibernate, SpringBoot, SOAP, HTML5, CSS3, AngularJS, jQuery, JavaScript, AJAX, Active MQ, NLP, NLTK, Spring MVC, ANT, Ext.js, Struts, Oracle, Tomcat Server, JSF, Jenkins, Log4j, SERENA, JUnit, Rally, Python, R language**

**HSBC Bank, NY January’12-August’13**

**Java Developer**

**Responsibilities:**

* Developed the application using **Agile** Methodology
* Used **UML** on Rational Rose Software to develop class diagrams, use case diagrams and sequence diagrams
* Developed brokers for credit card payment gateways
* Developed web interface for Users Modules using **JSP, HTML, XML, CSS, JavaScript, AJAX** and **Action Servlets** with **Struts Framework, Spring Framework.** Implemented **Spring MVC**, **IOC & AOP**
* Used **Spring Framework** to transfer the data from GUI to **DB with AJAX framework**
* Extensively worked on **Core Java**(Collections of Generics and Templates, Interfaces for passing the data from GUI Layer to Business Layer)
* Design and development of Test Simulation tools in Java (J2EE), to automate **SOAP** transactions
* Expertise in using **NoSQL** database like **MongoDB** to support the storage of JSON objects and provides the storage for security related information
* Creating and Modifying Stored Procedures, Views, Indexes, User-defined Functions, and Triggers as required
* Developed using **J2EE design** patterns like Command Pattern, Session Facade, Business Delegate, Service Locator, Data Access Object and Value Object Patterns
* Worked on continuous service testing and service virtualization with the help of different tools like **SOAP UI** and **POSTMAN**
* Mapped the objects with the Database using **Hibernate Query Language (HQL**) as the Persistence Framework
* Used **JMS** for programs to create, send and receive messages by using different modules like publisher, subscriber messaging and point to point messaging using IBM-MQ-Series
* Deployed in **Web Logic** application server and involved in setting up server profiles in Eclipse
* Used **Log4j** for debugging the application and **CVS** for Version Controlling
* Developed **Jmeter** scripts for performance and load testing

**Environment:**Java 1.6, J2EE 1.4, JSP 2.0, HTML, XML, CSS, JavaScript, Web Logic 10, AJAX, Servlets, Struts Framework, Spring Framework, UML, SpringMVC, SOAP, JMS, Log4j, CVS, Eclipse Indigo, NoSQL, MongoDB, Linux

**Nordic Infosoft, India January’11-December’11**

**Java Developer**

**Responsibilities:**

* Participated in detailed requirements Gathering, Analysis, Development and Testing **(SCRUM)**
* Produced **UML** diagrams (Use Case, Class and Sequence diagrams) to document in design phase using **Microsoft Vision Tool**
* Active in coding some of the core java implementations, used **Core Java** concepts such as Collections, Generics, Multi-Threading
* Developed and published server-side business logic in a simple **POJO** for various account portfolios, equities, asset ratios by using **Core Java** Collections, Generics
* Developed the web application using Spring, JSB, HTML and implemented the application using **J2EE** design patterns like Singleton, Data Access Object **(DAO)**, Data Transfer Object **(DTO)**
* Used connection pooling for optimization using **JDBC** interface
* Implemented **Spring MVC** pattern to ensure clean separation between the presentation tier and business tiers
* Worked on back end **Core Java** programming and Used **RESTful** web services to handle the user requests
* Designing and Implementing scalable, **RESTful** and micro-services based mobile back-end. The back-end is being written in Java using **Spring Boot** for simplicity and scalability
* Developed UI screens using **HTML, JavaScript, CSS, AJAX and XML**
* Developed **UML** diagrams for all the design and documented all the process flows
* Involved in developing **SQL** queries and integrate the GUI with back end **Oracle 10g database**
* Developed processing components to retrieve customer information from **SQL** database
* Designed and Implemented database abstraction layer using **Hibernate** DAO objects
* Deployed on **JBOSS** application server and Used **GIT** as version controller
* Involved in backing up database & amp in creating dump files and created **DB** schemas from dump files
* Created **JUnit** test suite to automate the testing of the business logic

**Environment:**Java 1.5, J2EE, UML, Hibernate, JSP, Servlets, JBOSS server, JUnit, Oracle SQL, Spring, JDBC, RESTful, HTML, CSS, JavaScript, AJAX, XML, XSLT, WSDL, Windows, Eclipse, GIT, IBM Web content Management, Microsoft Vision Tool

**Data Core Technologies, India**  **June’09-December’10**

**UI Developer**

**Responsibilities:**

* Involved in daily **SCRUM** meetings to keep track of the on-going project status and issues and to manage full life cycle development of the project and Gathered User requirements and specifications
* Developed cross browser and multi browser compatible web pages using **HTML, CSS** and **JavaScript**
* Utilized **JavaScript** and **JQuery** to solve problems like auto completion and client side validation
* Implemented various **JavaScript/jQuery** effects on the pages
* Developed a single page, mobile-first, cross-device web application for real time location sharing utilizing **JavaScript API**
* Extensively used **CSS** along with responsive web design **(RWD)** to apply different styles to the layout for varying screen sizes and pixels and Designed the table less web applications using **CSS**
* Developed components to fetch the data from the back-end using **AJAX**
* Experience in cross-browser compatibility check and thoroughly performed unit/integration testing
* Created Responsive Layouts for **Multiple Devices** and **Cross-Browser** platforms
* Experience in working with version control **(GIT)**
* Analyzing the code and fixed bugs

**Environment:** HTML, JavaScript, CSS, jQuery, JSP, GIT

**Education**

Bachelor’s in Computer Science - JNTUK, India

**Additional Information**

**Technical Skills:**

**J2EE Technologies**

JDK 1.8, JSP 1.2/2, Servlets, AJAX, JSF, Hibernate 3.0, Spring2.X, JDBC, JUnit, JNDI, XML, JMS, RabbitMQ, Web Services, WSDL, SOAP., JSP, JSTL, XSLT, Talend, Kafka, Spring Form Tags, Stream API, Time API, Data Structures and Algorithms

**Web Technologies**: HTML 3/5, DHTML, XHTML, CSS3, XML, GUI, JavaScript, JQuery, JSON, Ajax, AngularJS, Backbone.js, Ext.js Adobe Photoshop CS4/CS6, Mule Soft

**Languages**: Java, C++, SQL, PL/SQL, XML, DHTML, HTML 3/5, Java Script, SCALA, DOJO, Ajax, JSON, AngularJS, JSTL, Ext.js, Backbone.js, Underscore.js, Python, R language, Spark

**Web/App Servers**: IBM WebSphere, Web Logic Server, Tomcat 4.0/5.x/6.x, Apache1.3/2.0, JBoss4.x, Microsoft IIS, IIB 9, ESB, EJB

**Databasse:** Oracle 8i/9i, MS SQL Server, MySQL, MongoDB, DB2.

**Version Controls**: CVS, VSS, SVN, Clear Case, Subversion, GitHub

**Testing**: JUnit, RFT, Selenium, Cucumber, Karma /Jasmine.

**Operating Systems**: Windows, Linux, Unix.

**Build Tools:** Log4j,ANT, Maven, Gradle, Jenkins, Cruise Control, Git, Logstash, CloudWatch, Puppet, Chef

**Web Services:** WSDL, UDDI, SOAP, REST, Restful, JAX-WS, JAX-RPC, SAAJ, SASS, Metro

**Defect Tracking Tools & Others**

Jira, Bugzilla, IBM Rational ClearQuest, Trac, Jasper, putty, winSCP, Business Objects, Auto Sys Job

Scheduler, Control M Scheduler, Site Minder, Vantage Analyzer, Twilio, AWS, BRIT

**Development Tools**

Notepad++, Dream Weaver, Eclipse, My Eclipse 5.x, WSAD 4.x/5.x, RAD6.x, 7.x, IBM WebSphere5.x/6.x,IBM MQ Series, TOAD, ANT, Swing, JavaFX, MAVEN 3.0/3.1, SQL Loader, EDI TIE Commerce, Komodo, Adobe CQ5, IBM Rational Software Architect for WebSphere, WebSphere commerce, IBM Messaging Queue Series (MQ), IBM Web content Management, NLP, NLTK