

**VENU**

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**Sr. Java/UI Developer**

### **Professional Summary**

- 8+ years of IT experience in Software Development Life Cycle (SDLC), Web Application Design, Development, Programming, Testing, Support Maintenance and End-User support.
- Hands on exposure to different SDLC models like **Waterfall, Agile** and undergone the training in software Development Processes like **SDLC, Test Driven Development (TDD)** and **Iterative Methodologies**.
- Worked extensively on **Spring MVC, Hibernate, Web Services, XML, MQ** series, JMS and Message Driven Beans.
- Extensive work experience in Object Oriented Analysis and Design, **Java/J2EE** technologies including **Servlets, JSP, JSON, JSF, JDBC, JPA, JSTL, HTML, HTML5, JavaScript, CSS, CSS3, Twitter Bootstrap, XML, JSON, XSL/XSLT, Angular JS, Node JS, React JS, Ext JS, AJAX, JQuery** for developing server side applications and user interfaces in Windows and Unix Environments.
- Expertise in building web enterprise applications using **Servlets/JSP's, Struts 2.x, Hibernate, JSF and Spring Framework** features like **Spring IOC, Spring MVC, Spring AOP, Spring DAO, Spring JDBC, Spring ORM, Spring Boot, Spring Batch, Spring Cloud, Spring Integrations and Spring Security**.
- Experience with Service Oriented Architecture (SOA), development and deployment of Web Services using **SOAP, WSDL and Restful Web services, Spring-RS**.
- Experience in using **DOM4J, JAXB, JAXP** parsing and **XML Bean** to process, validate, parse and extract data from **XML** files.
- Familiar in working with application servers and web servers like **Web Sphere, Web Logic, Jboss and Apache Tomcat**.
- Worked with different IDE's like **Eclipse, Net Beans, JDeveloper, Data studio, Spring Tool Suite, IntelliJ** and **RAD**.
- Extensive experience in working with different databases of **RDBMS** such as **Oracle 9i/10g/11g, IBM DB2, SQL Server, MySQL, PL/SQL** and **NoSQL** such as **Cassandra, MongoDB**. Writing **Stored Procedures, Functions and Triggers** for different **Data Models**.
- Experience with Core Java fundamentals such as **Multithreading, Collections, Generics and Annotations**.
- Extensive in-depth knowledge in OOAD concepts of **Use Cases, Activity Diagrams, Sequence Diagrams** and **Class Diagrams** using **UML**.
- Expertise in working with **Windows, LINUX and UNIX, Shell Scripting** and version control tools like **CVS, SVN, GitHub**.
- Good Experience in developing test cases with **Junit, Groovy, Mockito** and **logging with Log4j**. Used **JIRA** for **bug tracking** and **issue tracking**.
- Highly motivated team player with strong communication, analytical, documentation and organizational skills.

- Major strengths are familiarity with multiple software systems, ability to learn quickly new technologies, adapt to new environments.

## TECHNICAL SKILLS

Languages	C/C++, Java, SQL, PL/SQL, UML, J2EE, HTML, DHTML, XHTML.
Web Technologies	Servlets, JSP, JSF, JavaScript, Ext JS4.0, Angular JS, Node JS, React JS, Ext JS, JSON, JDBC, JMS, XML, HTML5, CSS3.
Java Technologies	Core Java, Java Server Pages, Servlets, JDBC, Java Beans, IBM BPM 9.0, Exception Handling, Multi-threading, Event Handling, Swing Web Services.
XML Technologies.	XML, XSL, XSLT, SAX, DOM, AXIS, Castor, XML Beans and JAXB.
IDEs	Eclipse RCP, Net Beans RCP, IntelliJ IDEA, Red Hat Developer Studio, WSAD.
Web/App. Servers	Apache Tomcat 4.0/5.0/6.0, Web Logic 8.1/9.1, Web sphere, JBoss, IIS.
Tools	Maven, Ant, Visio, JIRA, Log4j, JUnit, Groovy, Mockito.
Operating systems	Windows, UNIX, Linux, Sun Solaris.
Databases	Oracle 8 / 9i / 10g/11g, HSQL, MySQL, MS SQL Server 7.0, DB2, MongoDB, Cassandra.
Design Patterns	MVC, Singleton, Business Delegate, Service Locator, Session Facade, DTO, DAO, Factory Pattern.
Frameworks	Struts, Spring (Dependency Injection, Spring MVC, Spring Core, Spring Context, Spring AOP, Spring DAO, Spring IOC, Spring JDBC, Spring Batch, Spring Boot, Spring with Hibernate), Hibernate, DWR, iBatis.
Version Control	Rational Clear Case, CVS, VSS, SVN, GitHub.
Web Services	SOAP, REST

## EDUCATIONAL DETAILS:

- Bachelor of Technology in Computer Science and Engineering - JNTUH, India.

## PROFESSIONAL EXPERIENCE:

**Client: Anixter Inc, Glenview, IL**

**Jan 2017 – Present**

**Role: Sr. Java/UI Developer**

**Description:** My role in Information Services (IS Dept) is to analyze & resolve requirements for Order Entry (OE), Order Management (OM) and Store Front System. OE, OM & Store Front application is to help & guide sales team to serve Anixter clients for cable parts & shipping. The application in production since August 2017, and is being implemented in phases to sales locations across United States and Canada.

**Responsibilities:**

- Involved in analysis, specification, design, and implementation and testing phases of Software Development Life Cycle (**SDLC**) and followed **Agile** methodology (**SCRUM**) with daily standup meetings to keep track of project status and used JIRA/Confluence to communicate status and estimates.
- Designed dynamic and multi-browser compatible pages using **HTML5**, **JavaScript**, **Angular 2**, and responsive interfaces using **Bootstrap**, styling using **CSS 3** for better user interface experience.
- Used **JSF** for bean management in **OE** application and **Icefaces** framework extensively for implementing rich interfaces.
- Implemented data grid/tables using **Angular 2**, **jQuery** and Used for front end form validation. **Bootstrap** for front-end client facing single page applications(SPA).
- Used **Spring Framework (MVC, IOC, AOP)** to manage project classes. Modified Spring config.xml for bean dependency injection & auto wiring.
- Implemented various Spring beans & Impl classes to meet business requirements. Implemented validation using **JSR 303** specifications.
- Used **Spring Boot** for building **Microservices** and developed Spring based application radically faster with very less configuration.
- Used **Spring WS** to implement RESTful web services.
- Secured **REST API's** by implementing **Oauth 2.0** token based authentication/authorization scheme using **Spring security**.
- Used **JAX-WS** to develop **Soap** web services.
- Developed Application to asses **JSON** and **XML** from **RESTful** web service from consumer side using **JavaScript**, **AJAX**, **Angular 2** and tested different front-end forms using them.
- Created Spring Batches for running batch jobs and documented the use of **Spring Batch**.
- Integrated **RabbitMQ** and **Spring JMS** API to send and receive messages from **RESTful APIs**.
- Developed **RESTful** web services using **JAX-RS** and **Jersey** as the implementation for fetching the data from Database.
- Developed session **EJB** and message driven bean (MDB) to process **JMS XML** messages.
- Utilized **Hibernate** reverse engineering to create an automated process that generated hundreds of Java POJO entities from database.
- Extensively used **Hibernate** mapping, **HQL**, **EH Cache**, Query, Criteria, Transactions and Locking.
- Worked on **MongoDB** database concepts such as locking, transactions, indexes, Sharding, replication, schema design, etc.
- Written and executed several stored procedures, triggers, packages, views and functions using **DB2** Data Studio.
- Performed Unit Testing using **Junit**, **Mockito** frameworks for all the migrated modules to ensure complete code coverage and perform Smoke test after each build.
- Previously used **Tortoise SVN** and migrated to **GitHub** for source code maintenance.
- Using **Maven** build tool to build and deploy the application.
- Worked on **Swagger** API and auto-generated documentation for all REST calls.
- Used **HP ALM** for application lifecycle management & requirements and shifted to JIRA.

**ENVIRONMENT:** Java, Eclipse 4.x, HTML5, CSS3, Bootstrap, JSF 2.x, Icefaces 3.x, JavaScript, Angular JS, jQuery, Ajax, JSON, XML, JAXB, IBM WAS 8.5.5, Soap, RESTful Web Services, JDBC, JSP, JMS, Jersey, Spring Boot(Microservices), Spring (MVC, AOP, Security), OAuth 2.0, DB2 Data Studio, MongoDB, Hibernate, Log4J, JUnit, Swagger, Mockito, Maven 3.x, VMWare, HP Application Life cycle (QC), Tortoise SVN, JIRA, GIT and JBoss.

**Role: Sr. Java/UI Developer**

**Description:** Johnson Controls is a global technology and industrial leader serving customers in more than 150 countries and specialize in the following areas: Building efficiency, Batteries and energy storage. Supplier Invoice Router (SIR) is a custom application build to route Supplier Invoices to different JCI ERP System. The SIR Service component reads Invoices from Message Queue (MQ), applies routing rules and routes Invoices to the appropriate ERP System. The SIR UI component is a web based form which is used by the users to correct Invoices that are in exception state in the system.

**Responsibilities:**

- Developed and Implemented **Web Services** and used **Spring Framework**.
- Database design and implementation of backend logic in **DAO classes & iBatis SQL mapping**.
- Extensive experience using framework APIs like **Struts, Spring, iBatis** and **Hibernate**.
- Configured **Struts, Hibernate framework** with **Spring MVC**.
- Developed user interfaces using **JSP, JSF** frame work with **AJAX, Java Script, HTML, DHTML, CSS, Bootstrap** and java scripts frame work like **Angular JS, Node JS, Backbone JS, Ext JS** and **JQuery**.
- Involved in creation of **web services, WSDL** and web methods with Annotation in **hibernate**, Used the **spring** container for data source and to load the **Hibernate** specific classes.
- Involved in developing the UI panels using **JSF, XHTML, CSS, JSON, DOJO** and **JQuery**.
- Created applications, connection pools, deployment of **JSPs, Servlets** and **EJBs** in **WebSphere**.
- Developed the Presentation and Controller layers using **JSP, HTML, Java Script**, Business layer using **Spring (MVC, IOC, AOP, Batch), DTO** and Persistent layer **DAO, Hibernate** for all modules.
- **Single sign-on (SSO)** and **multi-factor authentication** with this property a user logs in with a single ID and password to gain access to a connected system or systems without using different usernames or passwords, or in some configurations seamlessly sign on at each system.
- Integrated **Spring Security, SAML 2.0** and **OAuth** for single sign on for a different audience.
- Designed and developed **Microservices** business components using **Spring Boot**. Consumed REST based Microservices with Rest template based on **RESTful APIs**.
- Written and executed stored-procedures **DB2**.
- Automate test cases using the built in framework in **Selenium Web Driver** using **Netbeans RCP IDE**.
- Involved in creating unit testing of various layers using **JUnit** and created automated test scripts for integration testing using **selenium**.
- Usage of version control repository **SVN, JIRA/** Quality Center for ticketing and **Jenkins** for nightly build.
- Designed the front end using **Java Applets** and **Swing**, as well as **JSP**.
- Developed the different components of application such as **JSPs, Servlets**.
- Created **SQL** queries, **PL/SQL** Stored Procedures, Functions for the Database layer by studying the required business objects and validating them with Stored Procedures using **SQL Server**.
- Written and executed stored-procedures on SQL SERVER back-end through JDBC API.
- Used **TOAD** for database query testing, in the process of optimizing the queries.
- Used **Visual Source Safe (VSS)** for source code maintenance.
- Expertise in employing **Water Fall Model** and best practices for software development.
- Auto-Generation of client side code using **APACHE AXIS2 with JAXB-RJ binding**.
- Used **Ant** for developing build scripts and deploying the application onto **WebLogic**.
- Deployed and tested the application on **Weblogic7.0** in windows and Unix environment.

**ENVIRONMENT:** Java (JDK 1.7), Spring, iBatis, Struts, Hibernate, JSF, EJB, APACHE AXIS2, WSDL, JQuery, JSP, SERVLET, Microservices, MYSQL, Toad, SQL Server, SSO, SAML, OAuth, UML, Netbeans, Selenium, ANT, Xml, JIRA, SWING, SVN, VSS, Jenkins, Weblogic, Water fall model.

**Client:** ADP, Phoenix, AZ

**Sep 2014 – Jul 2015**

**Role:** Sr. Java Developer

**Description:** This project is about user to approve or reject his own message. Users can assign tasks to other groups or other person based upon his authorization to particular resource. The system allows user to create events in their calendar. Users get their messages from integrated apps and will be visible to them. They can take action to their message.

**Responsibilities:**

- Designed and coded application components in an **Agile** environment utilizing a test driven development and SDET approach and pair-programming.
- Developed the application using **Spring framework (MVC, IOC, AOP, Batch), DTO** that leverages model view layer architecture, also configured Dependency Injection.
- Used **SOAP** based web services from scratch to develop interfaces to integrate between front end systems and back end systems.
- Designed and developed the **XSD** for **WSDL**.
- Used **Spring Security** to provide authentication, authorization, and access-control features for this application.
- Developed user interface using **JSP, JSP Tag libraries JSTL, HTML5, CSS3, JavaScript, Angular JS, Node JS, JSON** to simplify the complexities of the application
- Used **Spring MVC** framework for developing web application
- Used **OAuth** for service layer security.
- Used **SAML** to implement authentication and authorization scenarios.
- Implemented the debugging functionality in an application by using **Apache LOG4J** framework.
- Used **JMS** for the asynchronous exchange of critical business data and events among **J2EE** components and legacy system.
- Designed and developed the application using **Java Server Faces (JSF)** framework.
- Developed User Interface in **JSP, JavaScript and HTML** with **Backbone JS** Framework.
- Designed and developed **RESTful** style Web Service layer using **Spring boot**, and WSDL.
- Refactored **Microservice** to make it RESTful, thread-safe, and more configurable.
- Implemented a generic interface to **Hibernate** criteria API for UI search functionality.
- Developed **SQL, PL/SQL**, stored procedures along with database application scripts.
- Deployment of web, enterprise java components, messaging components and multi-threading.
- Worked on automating data loading, extraction, reports generation using **UNIX Shell scripting**.
- Developed **XML Schemas - XSD, DTD** for the validation of XML documents, also used Subversion.
- **XML (SAX and DOM API, JDOM), XSLT** was used for informative view.
- Used XML web services using SOAP to transfer the amount to transfer application.
- Used **SWING** for GUI based coding.
- Written unit test cases using **JUnit** and **Groovy** framework.

**Environment:** Java (JDK 1.7), J2EE, JSP, PL/SQL, Spring, EJB, MAVEN, JMS, JNDI, Oracle, XML, DOM, SOAP, Spring Framework security using LDAP, JUnit, Mockito, OAuth, SAML, Apache Camel, JSF, Angular JS, JSON WebSphere, Hibernate, Microservices, JDBC, Shell scripting, RESTful APIs, WebLogic, Jboss, SOA, Tomcat.

**Role: Sr. Java Developer**

**Description:** Voice Online Manager Application (VOM) is a product designed to allow the customers to easily monitor their entire telephone account through a single point of online access. Customers will be able to access their home telephone call logs, manage telephone settings, manage voicemail settings and check new voice messages from one source.

**Responsibilities:**

- Actively participated in all phases of SDLC, Requirements gathering, design & Analysis, development, testing, deployment and bug fixing of an application.
- Implemented the frontend and developed UI screens using **Spring MVC framework, Hibernate ORM Module, TDD, Spring Core Module, XML, JSP and XSLT**.
- Worked on the **Spring framework** like **Spring IOC** and **Spring DAO**.
- Implemented **Spring MVC, dependency Injection (DI)** and **aspect oriented programming (AOP)** features along with **Hibernate**.
- Used **Core Spring framework** for **dependency injection** and **Spring Context** to add support for message sources and i18n internationalization.
- Used **ORM** to integrate with the **Hibernate** and used the hibernate template to implement the business logic.
- Created Database Tables, Sequences and wrote hibernate mapping files and **POJO class**.
- Used Hibernate tools to interact with the database.
- Implement the presentation layer (GUI), based on open source framework, using **Angular JS, HTML, HTML 5, JSP, JSTL, CSS, CSS 3, HTML, JavaScript** and **Beans**.
- **JQuery library, Backbone JS and Angular JS** has been used for creation of powerful dynamic Web Pages and web applications by using its advanced and cross browser functionality.
- Developed flow using **AJAX** partial page refresh, validation and dynamic drop down list.
- Reviewed the XML logical data model and developed **XML schema (XSD)** to validate the model and used Jax-B for Xml-Java Mapping and Xml-Xslt conversion.
- Developed client side code to consume Web Service provided by third party vendors to receive employee information using **Axis, XML, WSDL, SOAP**.
- **Single Sign-Off** and **multi-factor authentication** is used whereby a single action of signing out terminates access to multiple software systems.
- Worked on **SOAP** and **JAX-RS** for Restful Web Services.
- Implemented **UNIX shell script** for document storage validation & deletion.
- Used best practices and design patterns Singleton, Template, Strategy, etc.
- Implemented **Java Message Services (JMS)** using JMS API.
- Implemented **Maven** build tools to build jar and war files and deployed war files to target servers.
- Developed **AJAX** functionalities using frameworks like **JSON, DOJO and JQuery**.
- Used **Tortoise SVN** for version control and Eclipse RCP for application development.
- Used **log4j** to audit, assign, track, and report the issues in the application.
- Deployed the application on **Web Sphere Application Server**.
- Developed JUnit test cases using **Mockito**.
- Involved in functional testing and integration testing.
- Scrum methodology is used in developing the product. Attended regular scrum meetings for feedbacks and design changes.

**Environment:** Java (JDK 1.6), J2EE, Eclipse RCP, Spring, Hibernate, SSO, Web Services (REST APIs & SOAP), WebSphere, Tortoise SVN, Maven, HTML, CSS3, Servlets, Angular JS, Backbone JS, AJAX, JQuery, Java Script, JMS, Shell script, Oracle 10g, Agile, Bootstrap and Windows 7.

**Client: Oriental Insurance, Delhi, India**

**Oct 2011 – Nov 2012**

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**Java Developer**

**Description:** Oriental Insurance is one of the largest mutual life insurance companies in the India. Oriental sells a variety of products including Personal insurance, Family insurance, House insurance and Motor insurance. The project involves developing online management tool in order to get 24/7 access to their policies, to check the status of it, reviewing and updating the information and also to find the most up-to-date information available from the database.

**Responsibilities:**

- Implemented front end (UI) of the application using **HTML5, CSS, Angular JS** and **Node Js**.
- Designed and developed very complex and large web pages using **AngularJS** library with **AJAX** and **JSON**.
- Designed **JSP** pages for Initial applications, Submissions and Maintenance Involved in implementing Message Driven Beans using for JMS systems.
- Developed session **EJB** and message driven bean (MDB) to process **JMS XML** messages.
- **JSPs, Servlets, XML** descriptors, using **WebSphere** Application Server.
- Streamlined the time bound nightly batches for concurrent processing on various nodes within a cluster using **Spring Batch**.
- Used struts validation framework to perform Server side validations.
- Used **SAML** to implement authentication and authorization scenarios.
- Developed Spring service classes for Initial applications and Maintenance module to implement business logic requirements.
- External customer portal is developed in annotation based **Spring MVC** and **Hibernate**.
- Designed and Developed End to End customer self service module using annotation based **Spring MVC, Hibernate, JSP** and **JQuery**.
- Involved in integrating applications with other application using **IBM WebSphere**.
- Involved in generating Hibernate Configurations files, Hibernate mapping files and Hibernate data Objects to communicate data in persistence layer.
- Worked on Database Stored Procedures and Functions, views and Synonyms.
- Implemented **Java & J2EE** design patterns.
- Responsible to prepare Unit test scripts using **JUnit**.

**Environment:** Java 1.6, JSP, Spring4.x, Spring MVC, Spring Batch, Hibernate, IBM WebSphere, WebLogic application server8.1, JMS, MySQL, SAML, Eclipse RCP, CVS, Angular JS, Node JS, HTML, CSS, JSON, JUnit, AJAX, Maven.

**Client: ING Vysya, Bangalore, India**

**Jun 2009 – Sep 2011**

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**Java Developer**

**Description:** ING Vysya company provides banking services. It provides Business services like checking accounts, saving accounts and loan services to the clients. The Mortgage calculator provides accurate monthly mortgage payment estimations instantly after users provide basic information like loan

amount, down payment, interest rate, loan term, start and end date and property tax rate. Users can also set duration of the fixed interest rate and extra payment to be added each month to get a more flexible payment plan. Graphics including Tables and charts are provided by the project to help clients better understand the payment plan.

**Responsibilities:**

- Used Test-Driven Development with **SCRUM Agile methodology** and involved in all the business meetings and status update meetings as a part of SCRUM.
- Involved in the full software development life cycle of the project from analysis and design to testing and deployment.
- Extensive use of core Java Collections, Generics, Exception Handling, and Design Patterns for functionality, such as portfolio summary and user information.
- Painted UML including Use case diagram, Class diagram, Sequence diagram and Data flow diagram.
- Design E-R graphs and relationship among different database tables, Created tables with low coupling.
- Written Form beans for the UI form validation and Action classes for the application flow.
- Involved in writing the code for server side validations using **Struts Validator Framework**.
- Implemented asynchronous calls from UI using **AJAX**.
- Wrote **PL/SQL Queries**, stored procedures, **triggers** and prepared statements.
- Implemented Spring Security to provide authentication, authorization, and access-control for this application.
- Configured Spring Cache to cache the results of methods that were frequently called by users or systems.
- Developed graphical user interface by using **JSP, JSON, HTML5, CSS3, JavaScript/jQuery**, and **AJAX** calls.
- Implemented user input validations using **JavaScript** and **jQuery**.
- Using Angular.js to implement data binding, Module loading.
- Implemented web page responsive design using **Bootstrap**.
- Inspected and debugged front-end code with **FireBug**.
- Able to create complex **JIRA** workflows including project workflows, screen schemes, permission scheme and notification schemes in **JIRA**.
- Used JIRA and Log4J for project management, tracking and monitoring errors.
- Developed test cases and performed unit test using JUnit Framework.
- Used **GitHub** for code repository and version control and worked with Stash.
- Build code using Eclipse and deploy it using **JBoss fuse**.
- Using **MySQL** to develop database.

**Environment:** Spring, Hibernate, JavaScript, CSS/CSS3, AJAX, HTML/HTML5, JSON, PL/SQL, JDBC, Web Services, Eclipse, Struts, JUnit, iBatis, Scrum, JSP, IBM Websphere, MySQL, Jira, JBoss, Stash, GitHub.