**Sai Teja Vavilala **

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**Sr. Java Developer**

**Professional Summary:**

* Having **8+ years** of experience in Object Oriented programming, design, developing and testing of Client/Server, Enterprise and Web Applications.
* Expertise in developing web based **GUI’s** using **Java Applets, HTML, DHTML, JavaScript, XML, DOJO, AJAX, JSF & spring form tags.**
* Proficient with Web Page Development using **HTML, DHTML, JavaScript, Angular JS 2.0, RIA, XML, XSLT, XSD**, DTD and CSS.
* Experience in developing Web Applications with various frameworks: **Jakarta Struts Framework**, **spring 4**, **Hibernate 3.0 ORM**, **Apache Cameland Struts Validation.**
* Hands on experience with Ajax related technologies and **JQueryAPI** to develop rich and interactive web applications.
* Seasoned professional in various frameworks like: **Struts, Hibernate 3.0s, Spring 4.0, JSF.**
* Extensive work experience in**JSP, Servlets, JavaScript, JDBC.**
* Experience in developing **E-Commerce** Applications using **Hybris** E-commerce Framework.
* Strong understanding and excellent skills in developing, designing of Ajax driven elegant enterprise web application using **Ajax, Flex**, **Action Scriptand JavaScript, CSS, HTML,** Custom Tag Libraries, **JSF, JQuery, Dojo, Ext Js, Backbone.js.**
* Having Expertise in advanced JavaScript libraries and frameworks such as **Prototype**, **Ext JS, Type Script, Angular JS 2.0 & 4.0, React JS, Node JS** and Object Oriented Programming in **JS**.
* Extensive Knowledge on databases like **Oracle, DB2 and MySQL.**
* Having Expertise **on Web Content Management System (WCMS) in Hybris.**
* Developed **ANT** scripts, and used **MAVEN** tool to build and deploy **J2EE** Applications.
* Involved in writing **javaAPI** for Amazon Lambda to manage some of the **AWS** services.
* Experience **in Enterprise Integration Development** using **Apache Camel Framework.**
* **Developed integration techniques using the Apache camel and apache Active MQ technologies.**
* **Extensive experience in creating IMPEX files and validating in HAC (Hybris Administration Console).**
* Having Working Knowledge on **XML, XSLT, XPATH, XQUERY, and XSL-FO**.
* Hands on experience in configuration and deployment of multi-tier applications using servers like **WebSphere, WebLogic, Tomcat.**
* Good knowledge of other services in **AWS** like Cloud front, Glacier, Cloud Trail and Simple Notification Service (SNS
* Hands on experience with an in-depth level of understanding in the strategy and practical implementation of AWS cloud-specific technologies like Elastic Compute Cloud **(EC2),** Simple Storage Services (S3), Route 53, Cloud Formation, Elastic IPs, RDS and Cloud Watch.
* Managing **Amazon Web Services (AWS) infrastructure** with automation and configuration management tools such as **Chef, Puppet.**
* Experience with designing and configuring secure **Virtual Private Cloud (VPC**) through private and public networks in AWS and create various subnets, routing table, internet gateways for servers.
* Extensive experience in SOA (Service Oriented Architecture) and experience in developing web services using **Axis, WSDL, SOAP, REST, UDDI, WSSecurity, XML-RPC** and **JAXB/JAXP**.
* Extensive experience working in **Spring 3.0-4.0 framework, Struts framework,** O/R Mapping Hibernate 3.x framework and web services (**SOAP and** **RESTful**)
* Strong experience in writing **SQL Queries,** stored procedures, joins and Triggers.
* Good working knowledge of database tools like **TOAD, PL/SQL, Db Visualizer** and **SQL** Navigator.
* Very good experience in designing J2EE Applications using **OOAD, UML**, Rational Rose Methodologies.
* Very good knowledge in writing Shell, **ANT** scripts for building the projects.
* Good understanding of **NoSQL** Data bases and hands on work experience on **MarkLogic** and **Mongo DB**.
* Having experience in understanding of existing systems, maintenance and production support, on technologies such as **Java, J2EE, Hibernate, spring** and **Hybris**.
* Development web components using J**SP, Servlets** and **server side components** using **EJB 3.0** under J2EE Environment.
* Experience working on integration techniques using the **Apache camel** and **apache Active MQ technologies**.
* Have an experience in integrating web services using **Mule ESB.**

**TECHNICAL PROFICIENCIES:**

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| * C, C++, Java & J2EE * Struts, JSF and Spring * Oracle 9i/10g/11g, DB2, MySQL and SQL Server * WSDL, SOAP, AXIS, JAX-WS, REST-Jersey, UDDI, and WS-Security. * Hibernate, iBatis * JUNIT, Mockito, SOAP UI | * XML, DTD, XSD, XSLT, JAXP (DOM & SAX) and JAXB * HTML, DHTML, CSS, JavaScript, * Angular 2.0 &4.0 , Type Script, JSP, JQUERY, DOJO and Taglibs. * UML – Rational Rose, MS Visio, JUDE * Eclipse, My Eclipse, Net Beans and RAD, Mule ESB | * SVN, CVS and IBM Clear Case * QC, Jira, Rally, Clear Quest * Web sphere, Web Logic, Apache Tomcat & HTTP Server * WIN NT/2000/XP/2003,Unix, DOS and Windows 7 |

**Client: Minnesota IT Services, Minnesota Department of Transportation (DOT) May 2016- Till date**

**Role: Sr. Java Developer**

**Project Description:** Developed Java based enterprise applications, services, and infrastructure for client. This is the migration project from DOX (which is document management system for entire enterprise) to micro services using spring boot , Eureka and service registry to streamline the data and sent it to down stream systems using different messaging techniques.

**Responsibilities**:

* Designed and Developed **Web services** using **JAX-WS**.
* Used **Spring MVC** framework for design, development and implementation of application.
* Responsible for setting up **AngularJS** framework for **UI** development. Developed **html** views with **HTML5, CSS3**, and **JSON and AngularJS.**
* Involved in using **JPA** (Java Persistence API) frameworks and **API**s such as **Hibernate and JDO** (Java Data Objects).
* Worked on **Restful web services** using **Node.js** and implemented mock services in **Node.js** with help of modules using **Node.js** server.
* Designed and developed the **UI** using **spring view** component, JSP, HTML, CSS and JavaScript, AJAX, JSON.
* Implemented **Mule ESB** using Red Hat’s **JbossFuse** technology in java based enterprise bus and Integration platform to connect applications quickly and easily which enables them to exchange the data through **JMS**.
* Integrated Struts application with **Spring Framework** by configuring Deployment descriptor file and application context file in Spring Framework
* Created **Micro services** by using spring boot eureka and service registry and deployed them into cloud environment by using spring pivotal cloud foundry.
* **Used profiling technique of spring boot** to create individual profiles for every microservice.
* Effectively used **Spring boot acutator** to enable the health condition of application that was deployed in the cloud.
* Created the **restful services by using swagger gateway API** to effectively **route them by using load balancer.**
* Developed presentation layer using HTML5, JavaScript, CSS3, and **Angular JS2, Type Script**.
* Developed XML Schemas and used SAX for Parsing XML data.
* Used spring, **Hibernate** module as an Object Relational mapping tool for back end operations over **SQL database.**
* Used various components in **Spring**, which includes **Spring IOC, AOP, Spring MVC, Spring JDBC**, **Spring JPA**, **Spring Securities**, **Spring Batch, Spring Quarts**, and **Spring Security**.
* Performed unit testing using **JUnit** and **Mockito** aiding test driven Development in some scenarios.
* Used **AJAX framework** for asynchronous data transfer between the browser and the server.
* Developed**web services**, **SOAP** message envelopes and headers using **WSDL, UDDI, XML and JAXP**.
* Experience in using **Spring Cloud** to connect to services and discover information about the cloud environment in multiple clouds.
* Managing Amazon Web Services (AWS) infrastructure with automation and configuration management tools such as Chef
* Developed **REST services** using spring and Used **JAXB API** for **XML** parsing.
* Worked on **Restful API** and invoked **web services** (consumed)
* Create **MQ JMS** supported queue to use **IBM MQ** classes for Java using **PCF**.
* Used Spring Core Annotations for Dependency Injection and used **Apache Camel** to **integrate spring framework.**
* Involved in validating and mapping the request data that is coming to the **REST service** to the **SOAP** request and calling the underlying **SOAP** services.
* Created **web services** and desktop applications to access and display data needed by support teams using **Ajax, JavaScript, Angular JS, Node JS, CSS** and **HTML**
* Implemented Inheritance between tables using different **hibernate strategies.**
* Created monitors, alarms and notifications for EC2 hosts using Cloud Watch.
* Setup and build **AWS infrastructure** various resources, VPC EC2, S3, IAM, EBS, Security Group, Auto Scaling, and RDS in Cloud Formation JSON templates.
* Implemented automated local user provisioning instances created in **AWS cloud.**
* Designed and implemented scalable, secure cloud architecture based on **Amazon Web Services.**

**Environment:** **Agile methodology, Java, J2EE, AWS, JAWS16.0, Oracle11, Web services, JavaScript, Type script, Spring Boot, Zull, Service Registry , Eureka, Cloud foundry, Type script, Angular 4, IBM MQ, Hibernate, JPA and JSON.**

**Client: Intuit Inc, Plano , TX May 2016-Aug2016**

**Role: Sr. Java Developer**

**Responsibilities:**

* Participated in the sprint review meetings and explained the technical changes to the clients.
* Experience in developing applications using **AngularJS** -Bootstrap like Grids, Toolbars, Panels, Combo-Box & Button etc.
* Developed Single page application and structured the JavaScript code using AngularJS.
* Performed User Interface Design and coding using **Java, Spring framework and web technologies.**
* Developed the applications using JSP, Struts and implemented MVC Architecture.
* Designed UI pages using JSP, HTML, Angular JS, Java Script, CSS, AJAX, JQUERY, JSP, JSON and Tag libraries.
* **Implemented business tier using Spring IOC, AOP and MVC**.
* Involved in using Core java concepts - Collections, Exception Handling, Multi-Threading, Serialization, and Java 1.5 features.
* Utilized Spring annotations and XML configuration for Dependency Injection.
* Involved in implementing logging, exception handling and transaction management using spring AOP.
* Used **Spring Core Annotations** for Dependency Injection and used Apache Camel to integrate spring framework.
* Involved in ORM mappings for associations, Inheritance & fetching strategy, performing CRUD operations and managing second level cache using Hibernate.
* Implemented Mule ESB java based enterprise bus and Integration platform to connect applications quickly and easily which enables them to exchange the data through **JMS**
* Developed, and debugged the **servlets and EJB with Web Sphere Application server.**
* Developed Web Services for data transfer using Restful WebServices
* Used JAX-B to call web services described by WSDL.
* Tested SOAP web services using **SOAP UI and REST** web services using REST Client.
* Implemented UI screens, validation components **JSF, AJAX and JQuery components.**
* Implemented Model/business components using spring core and navigation part of the application using spring MVC.
* Implemented Transaction management using Spring declarative transaction management
* Made changes to SOAP Web Services using **Apache-Axis2**.
* **Used Hibernate as ORM** tool to map the database tables, and wrote DAOs and POJOs to integrate with Spring Framework
* Used Spring ORM module to integrate spring with hibernates to use **DAO** layers.
* Implemented Inheritance between tables using different hibernate strategies.
* Implemented second level of caching with hibernates to improve read performance.
* Used **Spring Integration** to communicate with different web Services.
* Implemented Product-Retrieval Service as **SOAP** based service using Apache frame works.
* Responsible to integrate applications for web- based environment using SOA.
* Implemented asynchronous messaging services using JMS.
* Used JQuery APIs to implement cross-domain calls and handling JSON responses.

**Environment:** **Java, Agile, J2EE, Spring, Hibernate, SOAP/Rest, JQuery, XML, JMS, SQL, IBM Web sphere Application SOAP, Angular JS,Couch base, Linux, WSDL, JavaScript, Hudson, Maven, AJAX, JUnit, Log4j**

**Client: Cerner Corp, Kansas City, MO. Feb 2014-Dec2016**

**Role: Java Developer**

**Responsibilities**:

* Developing & supporting critical Java web applications related to the Point of Sale Change Management process in agile environment.
* Consume Rest Web Services (functional and content) via 3rd party APIs using micro service architecture build over HTTP REST.
* Developed the presentation layer **using JSP, HTML and client side validations using JavaScript**.
* Developed middle-tier application with J2EE using Servlet, EJB, Java Beans and Web Services Standards (SOAP, WSDL, UDDI).
* Developed DAOs (Data Access Object) **using Hibernate as ORM** to interact with DBMS – Oracle.
* Created XML Schema, XML template and used XML SAX/DOM API to parse them.
* Confirm unit tests and code coverage **using JUNITs.**
* Developed the Application on JBoss Seam 2.2.0 (plug-in to IntelliJ IDEA 10.2.0).
* Enforce code quality metrics using SONAR integrated with Jenkins Build server.
* Implemented a **Spring Batch process** that sends a notification email to all users once the parsing-persisting process completes.
* Used various Core Java concepts such as Multi-Threading, Exception Handling, Collections to implement various features and enhancements.
* Implemented a custom solution using Spring DI and Spring Data JPA that enables the user to sort and filter the on-screen data enriching the user experience.
* Implemented and tested the enterprise application with jQuery, Angular.js and Spring MVC.
* Develop batch processes for financial reporting applications and modules using Korn shell scripts on Oracle database.
* Validation of the registered users using JSP-Servlets and JDBC with the details available in the Database.
* Created documentation of the application.
* Developed Servlets and JSP for Data retrieval implementation with User Interface.
* Developed Container Managed Entity and Session beans.
* Developed web services in Java and Experienced with Service Oriented Architecture Protocol, WSDL.
* Applied design patterns including **MVC Pattern, Façade Pattern**, Abstract Factory Pattern, DAO Pattern, Singleton, Session Façade, Service Locator and Business Delegate.
* Implemented the Project structure based on **Spring MVC pattern using spring boot.**
* Wrote internal and external API services using **Node.js modules**.
* Configured JDBC with SQL/PLSQL for database connectivity.
* Developed required Web pages using HTML.
* **Used Angular.js** for developing single page web applications.
* **Build Rest web service** by building Node.JS in the back-end to handle requests sent from the front-end JQuery Ajax calls
* Implemented **EJB Components** for modules related to Pharmacy, Purchasing, and General and Biomedical equipment.
* **Coded Server pages** using JSP, Servlets, Struts by following MVC architecture.
* Developed Action Classes and Action Forms beans.
* Worked with the team in the development of the Application front-end using JSP, Struts with the help of HTML.
* **Used JSON for message transformation**. ­­
* Involved in the **Integration performance and unit testing** of the project.
* Involved in the Performance related issues like open connections and open cursors.

**Environment**: **Web Sphere 6.0, SQL,IntelliJIDEA 10.2.0, JDBC, Java, EJB, Servlets, spring, JSP, HTML, Hibernate, Spring boot, JavaScript, JUnit, Ant, Oracle 10g and Windows XP.**

**Client: Citi Bank, Irving , TX Jun 2010-Oct 2012**

**Role: Java Developer**

**Project Description:** This project helps in uploading the content from different vendors for different operators processing that content and making that content available for download in different circles on different mobile user. By using XSLT (html) this content shown on different handset. Content Information Shared in XML format or by reading the headers provides by operators by using JSON object.

**Responsibilities**:

* Involved in study of user requirement specification. Requested insufficient information and helped clearing ambiguity in requirements document.
* Implemented **Hibernate** for data persistence.
* Involved in design, development and implementation of the application using **Spring 3.0** and **J2EE** framework.
* Created spring xml file for database configuration using Hibernate and for different spring beans.
* Extensive use of **Hibernate** framework and its caching mechanism to persist large amount of trade/order data with database. Used spring framework for dependency injection and integrated it with **Hibernate**.
* Implemented as well as exposed web services using **Apache Axis 2**.
* Built web-based applications using **Spring MVC 3.0** Architecture suitable for Apache Axis framework.
* Responsible for preparing the use cases and for designing and developing Object models, class diagrams with **UML** Specifications.
* Developed system preferences **UI** screens using **JSP** custom TagLibs, **JSP** templates, **JavaScript, CSS** and **HTML.**
* Part of performance tuning team in analyzing the memory allocations, method calls, and time spent and implemented caching mechanism as part of some of the changes made.
* Developed Servlets and **JSP**s with Custom Tag Libraries control of the business processes in the middle-tier.
* Implemented Java Persistence **API (JPA**) through **Hibernate** 3.0.
* Have integrated **web services** including **SOAP** as well as **REST** using **Fuse ESB**.
* Implemented agent-server messaging dialog using Camel and JMS (Active MQ implementation)
* Involved in setting up Connection pooling and used **JMS** for Asynchronous messaging.
* Developed web services and data synchronization services.
* Used **SOAP UI** for testing the **Web services** by sending an **SOAP** request.
* Built **SOAP Web Services** based on **AWS** (Amazon Web Services).
* Developed Junit test cases for regression testing and integrated with **ANT** build.
* Involved in putting the entries to external **XML** files which are read by doc-builder.
* Involved in Proof of Concept for developing application using **Node Js** and **Mongo DB.**
* JUnit tests were written to test each module in the application.
* Developed Action and Form classes based on Struts framework to handle the pages
* Developed **Web Services** to retrieve data from legacy systems
* Planned and implemented various **SQL**, Stored Procedure, and triggers to implement oracle advanced queuing.
* Implemented **DAO** layers using **HibernateAPI**and core interfaces.
* Implemented second level of caching using hibernate and **EH Cache** provider.
* Experienced with hibernate mapping associations annotation to map legacy tables with entity classes.
* Experienced with parsing **XML** configuration files using **SAX xml** parser.
* Performed building and deployment of **WAR, JAR** files on test, stage, and production systems.
* Used **XSL, JavaScript** to display the contents of **XML** pages in the **HTML** pages.
* Experienced in working with agile environment.
* Used **SVN** as version control.

**Environment**: Java 1.7, J2EE, Servlets, EJB 3.0, Spring 3.0, Hibernate 3.0, JMS, Apache Axis 2, SOAP, REST, HTML, JavaScript, JDBC, PL/SQL, XML, UML, UNIX, Oracle 10g, WebSphere application server 7.0, Tomcat, Maven, SVN.

**Client: HSBC, Hyderabad, India** **Sept2010-Sept'2012**

**Role: Java/J2EE Developer**

**Responsibilities**:

* Involved in the design and development phases of Rational Unified Process (**RUP**).
* Designed Class Diagrams, Sequence Diagrams and Object Diagrams using IBM Rational Rose to model the detail design of the application.
* Application was built on **MVC** architecture with **JSP** 1.2 acting as presentation layer, Servlets as controller and **EJB** 2.0 as business layer and JDBC to access Oracle 9i Database.
* Developed the application using **Jakarta Struts 1.1 Framework**: developed action classes, form beans and Struts-Tiles.
* Used Struts Validation Framework for validating front end forms.
* Extensively used **XML Web Services** for transferring/retrieving data between different providers.
* Developed complete Business tier with Session beans and **CMP** Entity beans with **EJB 2.0** standards using Eclipse.
* Developed a web-based reporting widget for credit monitoring system with **HTML, JSTL** and custom tags using Struts framework
* Used **JMS-MQ** Bridge to send messages securely, reliably and asynchronously to **WebSphere MQ**, which connects to the legacy systems.
* Tested the application functionality with **JUnit** Test Cases.
* **GUI** was developed using **JSF** and **Java Swing**.
* Developed logging module-using Log4J to create log files to debug as well as trace application.
* Used **JMS** Queue communication in authorization module.
* Designed and implemented Business Delegate, Session Facade and **DTO** Design Patterns.
* Involved in implementing the **DAO** pattern.
* Used **JAXB API** to bind **XML** Schema to java classes.
* Used the report generation in the databases written in **PL/SQL**.
* Used **Maven** for building the enterprise application modules.
* Used **Log4J** to monitor the error logs.
* Used **SVN** for Version control.
* Deployed the applications on WebLogic Application Server.

**Environment**: **Struts 1.1, EJB 2.0, Servlets 2.3, JSP 1.2, SQL, XML, XSLT, Web Services, JAXB, SOAP, WSDL, JMS1.1, JavaScript, TDD, JDBC, Oracle 9i, PL/SQL, Log4J, JUnit, WebLogic, Eclipse, Rational XDE, SVN, Linux.**

**Client: Interlogic Technologies, Hyderabad, India Aug 2009- July 2010**

**Role: Java Developer**

**Responsibilities:**

* Developed Panels which provides **GUI** for the user.
* Developed Java Components for the core business logic .
* Performed Unit Testing for each class.
* Played an active role in the deployment process of the applications on the server side.
* Developed **GUI’**s using **Java Swing** using usability and design principles**.**
* Used JavaScript for client side validation.
* Worked on various activities like deployment and integration of all the modules as part of Integration Team.
* Involved in Fixing the **UAT Bugs** andinvolvedinanalysis and impact analysis of Change Requests (CRs).
* Developed Swing components such as **JSlider, Jbutton, Checkbox, AWT labels, text fields** and scrollbars
* Developed Servlets as an application controller.
* Used Multithreading to continuously keep track of downlink messages and send corresponding uplink messages.
* Used Locks to synchronize resources sharing between these threads.
* Used **multi-threading** concept in **back end java beans**.
* Involved in Unit Testing, User Acceptance Testing and Bug Fixing.
* Involved in the configuration of **SSL** to provide internet.
* Experience in writing **XML** documents and parsing them using **SAX** parsers.
* Experience in **Hibernate** O/R mapping tool.
* Applied Rational unified Process **AGILE**and **SCRUM** process in projects.
* Proficient in applying various core **J2EE** design patterns.
* Experience in deploying applications in web and app servers like **Web Logic, Websphere8.1**
* Experience in working with **UNIX/LINUX.**
* Internet Programming with **HTML5, DHTML, JavaScript, JSF, CSS.**

**Environment**: **JDK1.5, JSP, Servlets, Struts 1.2, Web sphere, JavaScript, Eclipse, Oracle, UML, HTML5, DHTML, JSF, XML, XSL, XSD, CSS, Maven, Oracle, MS SQL Server, MySQL, MVC, Spring Framework, SOAP Web Services, RESTful Web Services, Log 4j**

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| **Employer Details:**  **Bharath |IT Recruiter |**  **Orabase Solutions LLC. Contact No:972-968-7142  GTalk: bharathsales94@gmail.com  E mail:**[**bharath@orabasesolutions.com**](mailto:bharath@orabasesolutions.com)**,**[**www.orabasesolutions.com | E-Verified Company.**](http://www.google.com/url?q=http%3A%2F%2Fwww.orabasesolutions.com&sa=D&sntz=1&usg=AFQjCNFjWEDeH7S-bwXvDwjJN8sKczxiSQ) |