**VISHNUVARDHAN**

**SR Java Full Stack Developer**

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**SUMMARY**:

* **Over 10 years of experience as a Java Full Stack Developer in IT industry.**
* **Extensively experienced in Software Analysis, Design, Development, Implementation and Testing of Object-Oriented Applications and Web based Enterprise Applications using java/J2EE.**
* Experience in working in environments using **Agile (SCRUM) and Test-Driven Development (TDD)** development methodologies.
* Proficient in **UI design,** developed Front End using**JSP, HTML5, CSS3, JavaScript, Ajax, jQuery, AngularJS, Angular NodeJS, Reacts**and have knowledge on**Back boneJs.**
* Hands on experiences with **Core Java** with **Multithreading**, **Concurrency**, File Handling I/O, Generics, Data Structures and Collections, Garbage Collection.
* Experience in **java8** features like **Parallel Streams, Lambdas,** **functional interfaces and filters.**
* Experience in developing, deploying, and managing N - tier, server-centric J2EE enterprise class projects using **Eclipse IDE 3.x/4.x, My Eclipse 6.5, J2SE1.4/1.5/1.6 (Java 2, Applets, Swing, JDBC 3.0, RMI), J2EE 1.5 Web application technologies (Servlets 2.x, JSP 1.x/2.x, JSTL 1.2, JSF 1.x, JNDI),** Enterprise application technologies **(EJB 2.x/3.0, JMS).**
* Good experience on Design Patterns (J2EE) like **Singleton, Factory, DAO, Session Facade, Front Controller,** and **Delegate Pattern.**
* Experienced in developing messaging module by using **Spring JMS, Apache Camel and Rabbit MQ.**
* Experience in Spring framework **(MVC/IOC/ORM/JDBC/AOP/BATCH/WEBFLOW/Context) and Struts (MVC, architecture, interceptors, action mappings and resource bundles**).
* Experience in developing **Microservices** using **Spring-Boot.**
* Experience in development and deployment of applications using **JBoss**, **Web Logic** Application Server, **IBM** **WebSphere** Application and **Apache** **Tomcat**.
* Experience in developing **SOAP** based **Web** Services using **Apache** **CXF** and **JAX-WS.**
* Experienced in developing Restful Services using **JAX-RS** specification like Jersey and Rest Easy to implement REST based Application.
* Experience in using **Socket** Programming.
* Experience in using bug/issue tracking, project Tracking and Management tool **JIRA**.
* Experience working on **Web Services SOAP & REST, JAX-WS, JAXB, WSDL**and **UDDI** registry.
* Expertise in implementing Service Oriented Architectures (SOA) using XML based Web Service such as **SOAP**, **UDDI** and **WSDL**.
* Experience with **Cloud** Computing Service environment like (**AWS**) Amazon Web Services (EC2,

**EBS**, **S3** and **ELASTIC** SEARCH).

* Involved in designed fully distributed system with the use of Restful API and **Micro Services**.
* Complete understanding of the **DevOps** process with continuous integration using **Jenkins**, **JIRA**, **GIT**, **CHEF**.
* Expertise in developing model components using **ORM** technologies like My Batis, **Hibernate**
* (Caching, Hibernate Template, DAO) to write Database independent persistence logic and to
* maintain portable relationships between the databases.
* Have developed the **micro** **services** framework prototype with guidelines, the developers have followed as skeleton model and developed their interfaces on top of the baseline prototype.
* Good experience in J2EE Testing in developing test cases with **JUnit**, **MOCKITO** for Unit testing, and logging using **Log4j**.
* Good Experience in **Mock** Testing.
* Experienced with **RDBMS** implementation and development using **Oracle**, **My** **SQL**, **MSSQL** and **DB2**.
* Expertise in database modeling and development using No **SQL** Database such as **MongoDB** and **Cassandra**.
* Experience in using version control and configuration management tools like **GIT**, **SVN** and **CVS**.
* Experience in using the tools like Ant and Maven for build automation.
* Extensive experience in testing on multiple operating systems including **Linux**, **Unix**, **Sun** **Solaris**, and **Windows**.
* Domain knowledge and business expertise in **Banking, Healthcare, E-Commerce, Insurance, finance.**

**TECHNICAL SKILLS:**

**Programming Languages:** C, C++, Java, SQL, PLSQL, Socket Programming.

**Scripting Languages:** XML, XHTML, HTML, CSS, JavaScript, AJAX, jQuery, JSON, Angular2.0, Bootstrap, NodesJS, backbones, reactJS.

**Tools:** Junit, Selenium web Driver, TestNG, Protractor, Mockito.

**Frame Works:**   Struts, Spring, JSF, JPA, EJB and Hibernate, iBatis, JMS.

**Web Services:** SOAP, UDDI, WSDL, JAX-RS, JAX-WS, RESTful Web services, AWS, Microservices.

**Databases:** Oracle 11g, MySQL, Post GreSQL, DB2, MongoDB, Cassandra

Debugging Tools& CI/CD: JIRA, Jenkins, CHEFF.

**Version Control:** Git, Tortoise SVN, CVS, Bamboo.

**IDE Tools:** Eclipse, Net beans, IntelliJ, IBM RAD, ANT, Maven, STS

**Web/App/DB Servers:** IBM WebSphere, WebLogic, Apache Tomcat, JBoss.

**PROFESSIONAL EXPERIENCE:**

**Client: Best Buy MN Nov 2022 – Till Date**

**SR. Java Full Stack Developer**

**Responsibilities**:

* Developed the functionalities using **Agile Scrum Methodology.**
* Extensive experience in various Agile methodologies like **Test Driven Development (TDD) .**
* Involved in developing UI using **Spring** **MVC framework, JSP, JSTL, HTML5, CSS, JavaScript, jQuery, AJAX** and **AngularJS.**
* Created Reusable Modules and Custom Directives in **Angular** which got used in various places of application.
* Implemented **AngularJS** Controllers to maintain each view data. Implemented Angular Service calls using Angular Factory tested all application controllers extensively with **AngularJS built-in testing facilities.**
* Extensively used core java concepts like **Multithreading, Collections Framework**, File I/o and concurrency.
* Experience in Core Java concepts such as **OOP** Concepts, Collections Framework, and **Exception Handling, I/O System, Multi-Threading**, **JDBC**, **Generics**.
* Used Java features in developing the code like **Lambda** expressions, creating resource classes, fetching documents from database.
* Used design patterns like **Singleton**, **Data Access Objects**, Factory and **MVC** patterns.
* Testing and production support of core java based multithreading **ETL** tool for distributed loading **XML** data into Oracle database using **JPA**/**Hibernate**.
* Created **POJO’s** and DAOs for the database entities using Spring **JDBC** annotation mappings
* Integrated with **Spring** **Cloud** projects to provide distributed tracing and other features.
* Developed microservices with Spring and tested the application using **Spring Boot.**
* Used Spring Core annotations for Spring Dependency Injection, Spring **MVC** for Rest **API’s** and **Spring** **Boot** for **microservices**.
* Development of cloud hosted web applications and **REST APIs** using Spring Boot with embedded Tomcat.
* Developed **GSA, LSS and SDL using C++,** multi-threading and socket programming.
* Deployed the application on Amazon Web services (**AWS**) and used it to provide a large computing capacity for **scalable** solutions.
* Deployed applications into Continuous integration environments like **Jenkins** to integrate and deploy code on CI environments for development testing.
* Implemented Rest based web service using **JAX-RS** annotations, Jersey provider implementation.
* Integrated **ActiveMQ** and spring **JMS** API to send and receive message for the application’s **restful** **API**.
* Experience in design and development of **Web services, JAX-RPC, JAX-WS, RMI, JTA, JMS and XML, XSD, XSLT, X-Path.**
* Wrote build scripts using **Maven**.
* Developed the persistence layer using Hibernate Framework by configuring the **1:1/1:M/M:M** mappings in **hibernate** files and created **DAO** and **POJO**.
* Experience in **NoSQL**database like **MongoDB**installation, configuration and in designing **MongoDB** multi-shared cluster and monitoring with **MMS**.
* Installed the **WebSphere MQ** and involved in configuring **MDB** listeners, **JMS** resources, and queues and integrating with the **WebSphere** Application Server.
* Configuring **WebSphere** Application Server on multiple platforms for both horizontal and vertical scaling for Work Load Management.
* Experience in working with **NoSQL** Database like **MongoDB** to manage extremely large data sets.
* Used **log4j** to print the **logging**, **debugging**, **warning**, info statements.
* Implemented **Selenium Web Drivers** and Protractor For testing the **UI** components.
* Involved in setting up **Test** **automation** and developed cucumber feature files and used **Selenium** for **automated** testing with **TestNG**.
* Used **JIRA** tool for Issue/bug tracking, monitoring of work assignment in the system.
* Experience on implementation of version control software **GIT** repositories.

Environment: **Agile, HTML, CSS, Java Script, jQuery, AJAX and Angular 2, XML, DAO, POJO, JPA, JAVA, Java8, Springs (IOC, AOP, JDBC) Frameworks, Spring Boot, Microservices, JSP, Hibernate Framework, AWS, RESTful Web services, SOAP, Maven, WebSphere Application Server, Mongo DB, NoSQL, Log4j, Jenkins, JIRA, Selenium Web Drivers, Protractor, GIT, Socket Programming.**

**Client: Honeywell, OH Dec 2020 Aug 2022**

**SR. Java Full Stack Developer**

**Responsibilities**:

* Worked on **AGILE** methodology
* Used agile practices and **Test-Driven** Development techniques to provide reliable, working software early and often.
* Analyzed and designed a scalable system based on **Object** **Oriented** **Concepts**, **OOAD** and the various **J2EE** design patterns.
* Developed java scripts for all client-side validation and developed User Interface **(GUI) using JSP, CSS,** **JSTL**, and **XSL**.
* Used **JSTL** tags for communicating between controller and **JSP**.
* Design and implementing Model view controller (**MVC**) architecture using **spring** **framework**.
* Wrote Hibernate classes, **DAOs** to retrieve & store data, configured **hibernate** files.
* Used Eclipse **IDE** for application Development. Used **Jenkins** Jobs for build automation to compile and generate **EAR** and **WAR files.**
* Fixed defects Identified in Production/ QA environments; Defects were tracked in Jira tracking Portal.
* Developed SNMP Manager in **WinCE**. At the time of development due to the scarcity of the Hardware configuration, the SNMP support was not ported in the Board-Support Package’s configuration. And hence, the SNMP was supported using the Socket Programming and C++ and following the **SNMP** RFC 1157 and Printer MIB 1759 specifications.
* Involved in raising questions for business, getting answers from them, bug fixing, and tracking is done by **JIRA** .
* Developed RESTful web services using JAX-RS, Apache CXF and spring frameworks and persistence using Hibernate and JPA **ORM** frameworks.
* Jersey implementation of JAX-RS is utilized to develop RESTful Web services.
* Consumed **RESTful Web services (JAX-RS)** provided by different vendor to use for Address verification and validation.
* Involved in creating and extracting data from database using **SQL Queries, PL/SQL** Stored procedures, triggers, and packages on Oracle database.
* Used **HP Quality Center** for defect tracking
* Provided the technical assistance to resolve Issues identified in production and demonstrate appropriate solution to the end users.
* Connected to **Linux** servers to view application logs in order to trouble shoot application issues using putty as an interface.
* Assisted **Oracle DB** development team in developing stored procedures and designing the database.
* Used **Maven** for build, cruise control is used continuous building; Used **SVN** as version control system for source code and project documents.
* Involved in developing of test procedures for unit testing and testing of the module

Environment: **Agile, HTML, CSS, Java Script, jQuery, AJAX and Angular JS, Socket Programming, XML, JSTL JSP, JPA, JAVA, Spring Frameworks, Hibernate, RESTful Web services, SOAP, Maven, HP Quality center, WebSphere Application, Load Runner, Mongo DB, NoSQL, Log4j, Jenkins, JIRA, LINUX, SVN.**

**Client: Lister Technologies, India Jan 2018 – Nov 2020**

**Java Full Stack Developer**

**Responsibilities**:

* Involved in **SDLC** Requirements **gathering**, **Analysis**, **Design**, Development, Testing production of application using **Waterfall** model.
* Developed web applications with **HTML5, CSS3, Bootstrap** and **Angular JS.**
* Used **JQuery** for basic animation and end user screen customization purposes. Also used **CSS** pre-processors (**SASS**).
* Involved in the development of presentation layer and **GUI** framework using **Angular** **JS** and **HTML**.
* Involved in rendering additional components with custom **HTML** tags using **React**.js.
* Involved in writing application-level code to interact with **APIs**, **Web** Services using **AJAX** and Angular resources.
* Developed code for Responsive **web** **design** in **JavaScript** using frameworks like **Angular.js,** **React**.js.
* Used the Collections **API**, **Generics**, multi-threading while developing code.
* Method references are used provided in Java to make use of methods already named
* Database development required creation of new tables **PL/SQL** stored procedures, functions, views, indexes and constraints, triggers and required **SQL** tuning to reduce the response time in the application.
* Involved in the struts upgrade to 2.X which involved in changes to action class.
* Experience in developing **LINUX** shell scripts for automating deployment of applications
* Developed Spring middleware components for implementing business logic and Implemented **SOA** based architecture using web services to build a loosely coupled system.
* Designed and developed Business components and Integrated with Spring framework and also developed various reusable Helper and Utility classes, which are used across all the modules of the application.
* Used **RESTful** for producing web services and involved in writing programs to consume the **web** services
* Deployed the java application using **Maven build script.**
* Used **Log4j** for logging various levels of information like error, info, and debug into the log files.
* Used **Java/J2EE** Design patterns such as **Singleton, Service Locater, DAO etc. and Spring IOC pattern**and **responses.**
* Performed **GitHub/GitHub-Desktop** bash and **Terminal commands** to **clone, fetch,** merge and push the code and created pull requests for changes that are made.
* Designed enterprise **API’s** and involved in developing the API’s. Involved in **testing** **API’s** using **SoapUI** and **Postman**.
* Implemented **Swagger** for the microservices for Documenting **Rest API.**
* Implemented Rest **API Design** Guidelines for the **microservices**.
* Involved in writing **Maven** scripts for automated deployment of the application and managed **GitHub** Projects and migrated from **SVN** to **GitHub** with merge and version and used **Jenkins** for continuous integration
* Involved in working with the **QA** to assist in writing test code and **debugging** the defects in the application.
* Responsible for making sure that all system upgrade logs were current and creating a report for management.
* Assisted in designing several significant **Cisco** network upgrades for larger clients.

Environment: **Agile waterfall, HTML, CSS, JavaScript, jQuery, AJAX and Angular JS, XML, JSTL JSP, Java, Spring Frameworks, Hibernate, JDBC, RESTful Web services, SOAP, , Maven, Mongo DB, NoSql, Log4j, Jenkins, JIRA, LINUX,UNIX,SVN,GIT.**

**Client: Davis ware Inc, Hyderabad, India Nov 2016 – Dec 2018**

**Java/J2EE Developer**

**Responsibilities:**

* Involved in **Design** and **Development**.
* Developed the application using **Agile** Methodology.
* Involved in writing the action classes and from beans for different modules using **Spring MVC.**
* Involved in developing the applications using **Spring** **Framework** for Dependency **Injection**.
* Involved in writing the validation rules classes for general sever side validations for implementing validation rules as per the design.
* Developed **back-end logic** with **Core Java using** technologies including Collection **Framework, Multi-Threading.**
* Worked on enhancements using **JSP, Struts,** database stored procedures and wrote **SQL** queries.
* Used **UI** **components**, **Angular** **JS** **directives**, **controllers**, view and **routing**, **service** **modules**, **validations** using **HTML5, applying styles using CSS, used JQuery to make Ajax calls.**
* Used Amazon Web Services (**AWS**) data store for storing the records, prescriptions, bills etc. and accessed them using **AWS SDK** for Java utilizing **NoSQL queries.**
* Created SOAP Web Services using **WSDL**, **XML** and **SOAP** for transferring data.
* Configured the deployment descriptors in **Hibernate** to achieve object relational mapping.
* Used **Hibernate** **Cache** for query to improve the application **performance**.
* Wrote backend scripts that performed maintenance tasks on the contract data using **JDBC**.
* Developed Stored Procedures and Triggers on **Oracle** Database.
* Deployed **AJAX** call for asynchronous data retrieval from **back-end.**
* Used Maven to build the **J2EE** application.
* Build & Deployment in **WebSphere** **Application** Server.
* Understanding server configuration and diagnose problems in a time sensitive manner.
* Code walks through, modules integration and **unit** **testing**.
* Fix problems discovered that are within the existing system functionality (Preventive Maintenance).
* Used **Log4j** for logging purposes.
* Designed use **cases**, sequence and class **diagrams**, **activities**, **states**, objects and components. Used UML (MS Visio) for **software** **design**.

Environment: **Java 1.7, Servlets, JSP, JUNIT, Spring 2.5.6/3.0, Spring ORM, Spring Form tags, JSTL, Hibernate 3.0, Oracle11g, Maven, Apache Tomcat Server, SOA, Eclipse IDE 3.7, Jasper, Log4J, Ajax, SOAP, PL/SQL, HTML, CSS, JavaScript, jQuery, Swing, JSON, SVN.**

**Client: Tribro Softech, India Sep 2014– Oct 2016**

**Java/J2EE Developer**

**Responsibilities**:

* Involved in all phases of the Software development life cycle (**SDLC**) using **Agile** Methodology, designed use case **diagrams, class diagrams**, and **sequence** diagrams as a part of Design Phase.
* Developed **UI** using **Swing, JSP, JSF, HTML, CSS, JavaScript, and JQuery.**
* Developed of **XML** **files**, Schema’s and parsing them by using both **SAX** and **DOM** parser’s.
* Designed and Developed XSL style sheets using XSLT to transform XML and display the information on the **UI** screens.
* Developed web applications using **Spring** **MVC**, **JQuery**, **HTML**, **Bootstrap** and worked on Multithreading and Collections Framework including List, Map etc. Added interactivity to the UI pages using **JavaScript**.
* Worked with **Core** **Java** technologies Collections, **Serialization**, **Generics**, Annotations and Exception Handling to implement Back-End Business Logic including Entity Beans and Session Beans.
* Configured Spring security in the application to secure the method calls and **RESTful** **webservices**.
* Implemented **JDBC** **API** for communicating with database layer.
* Responsible for installing **JBoss**, administering and support of staging, **QA** and Production environment and performed failover test. Deployed application in **JBoss** on **UNIX**.
* Coding using **core** **java**, **Servlets** and **JSP** using **Eclipse** **IDE**.
* Developed Request Handlers using Servlets as Controlling **mechanism**.
* Implemented **CORS** (Cross Origin Resource Sharing) using **Node JS** and developed **REST** services using Node and **Express**, **Mongoose** modules.
* Developed **Apache** Camel **middleware** **routes**, **JMS** **endpoints**, **Spring** service endpoints and used **Camel** **free** marker to customize **REST** responses.
* Used **Log4j** and commons-logging **frameworks** for logging the application flow.
* Used Rational **Clear** **Quest** for tracking the changes in the application.
* Involved in **Unit** Testing using **JUnit** and Integration of Use **Cases**.
* Used version tools like **SVN** for source code and project documents

Environment: **Agile, HTML, CSS, Java Script, jQuery, AJAX and Angular JS, XML, SWING, Nodejs, JSP, JAVA, Spring Frameworks, Hibernate, RESTful Web services, SOAP, Servlets, JBoss, JMS, Maven,, Log4j,Jenkins,JIRA, Apache camel, SVN, ANT ,Rational Clear Case.**