**Viswan**

**Sr. Java Full Stack Developer**

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**Professional Summary**

* **Sr. Java Developer** with over **8 years** experienced in analysis, design, development, implementation and testing of Web based, Windows and N-tier architectures.
* Experience in all phases of **Software development life cycle** (SDLC) and have rich experience working with software development methodologies (Agile, TDD and Waterfall).
* Good Knowledge on Data Structures and Algorithms and implementation of Data Structures to **Graph Algorithms**, **Searching and sorting**, **Dynamic Programming**.
* Excellent knowledge on **Java 8** concepts like **Streams, Lambda Expressions**, Method References, etc.
* Extensive experience in J2EE technologies including specialization in **JAVA SE, Servlets, JSP, JDBC, JNDI, Java Beans, XML, Struts, Oracle,** and **EJB** for building Server-side Application with multilayer architecture.
* Extensive experience in Web application development using - **HTML, DHTML, CSS, XML, JavaScript, Ajax, spring, Hibernate, Struts, J2EE (JSP, JMS, Servlets, JDBC, Java Beans, EJB).**
* Worked with multiple Databases including RDBMS Technologies (MySql, Oracle) and NoSQL databases (MongoDB) .
* Experienced in deploying J2EE Application Sever like **Apache Tomcat7.x, JBoss 4.2.3**, Weblogic8.x/9.x and Web sphere 6.x, 7.0 servers.
* Followed best practices using **J2EE design patterns** (MVC, Service Locator, Singleton, Session Facade, Business Delegate, and DAO).
* Hands-on experience in different modules **Spring Framework’s Spring Web Flow(Spring Core, Spring MVC, Spring ORM, Spring JDBC, Spring Security, Spring Cloud) Inversion of Control** and **Dependency Injection** of **Spring** Application Framework.
* Strong experience of developing data models using **Hibernate** POJO's and configuring Hibernate persistence layer and mapping Java classes with database and using **Hibernate query language** (HQL).Experience in using **Hibernate OGM** for NoSQL databases.
* Strong Open Source development experience with Java **Spring Boot** and **Microservices**.
* Hands-on experience in developing **Microservices** solutions, experience on Microservice tech stack like **Spring Boot** and **Distributed Cache**.
* Expertise in Microservices related frameworks include **Ribbon** for Client-Side Load Balancer, **Eureka** for Service Discovery and **Zuul** proxy for Gateway API.
* Good hands-on experience in **Shell Scripting**.
* Experienced in different build, release and deployment processes.
* Experience on **CI (Continues Integrations)** and **CD (Continues Deployment)** methodologies using **Jenkins**.
* Experience in Design and Development of Web Services using **RESTful APIs** and **SOAP**.
* Experience in using Version Control tools like **Git, SVN.**
* Experience on **Amazon Web Services (AWS)** Component Usage, Configurations and Deployment - **Elasticsearch**, **EC2**, **S3**, **SNS**, **SQS**.
* Experience with PaaS technologies such as **Docker containers**.
* Extensive experience working on **SQL, PL/SQL, No SQL, Oracle Database** development experience using tables, triggers, views, packages and stored procedures, PL/SQL.
* Working knowledge on **Amazon Web Services** and **Cloud-based** infrastructure tools and components (AWS, EC2, S3, Virtual Private Cloud (VPC), and Elastic Load Balancing (ELB).
* Experienced in conducting **Unit testing** and code coverage using **JUnit**.
* Expertise in various open source frameworks like **Struts 2.0/1.2, Spring 3.5** and ORM Technology like **Hibernate 3.X**.
* Extensive experience in Java **SOAP RESTful Web Services**, **AngularJS** to create single web page applications.
* Experience on **JQuery, AngularJS** libraries.
* Highly experienced in **Acceptance Test-Driven Development [ATDD]** development practices.
* Experience in Agile development methodologies like **TDD and BDD**.
* Integrated logging frameworks such as **Log4J** and commons for logging and debugging the application.
* Exceptional communication skills handling direct interactions with clients, excellent adaptability, proactive, team player, self-motivated, can work independently, and leadership attitude.
* Proven ability to work Individual Contributor, efficiently and as a part of a team with an ability to deliver within short deadlines.

**Education:**

Bachelor’s in Electronics and Communication Engineering, Sathyabama University, India.

**TECHNICAL SUMMARY:**

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| **Languages** | **Java/J2SE 1.4/1.5/1.6/1.7**, AWS, SQL, PL/SQL, Python, C++ |
| **J2EE Technologies** | **JAVA /J2EE**, Servlets, JSP, JSTL, JDBC, JMS, Web Services, REST, SOAP, WSDL |
| **Web Technologies** | JDBC, Servlets, JSP, JSTL, Java Beans, MVC, Struts, EJB, JSF, JNDI, JMS, SOAP, JSON, XML and HTML5, CSS3, Java Script, jQuery, AngularJS. |
| **Frameworks** | Struts2, LOG4J, Spring Core, Spring MVC, Hibernate, Junit, Spring Boot, Spring Security, Spring Cloud |
| **Databases** | Oracle 9i/10g/11g, MS Access, **IBM DB2**, **MS SQL Server 2005/2008**, My SQL, **MongoDB, Cassandra**. |
| **IDE & Development Tools** | **Eclipse**, RAD, J Builder, NetBeans. Rational Software Architect, SQL Plus, Toad, IntelliJ |
| **Tools** | GIT, Jenkins, Putty, JIRA, SVN, CVS |
| **Web/App Servers** | **Apache Tomcat**, WebSphere Application Server, BEA WebLogic, JBoss |
| **Version Control Tools** | CVS, VSS, Clear Case, Sub Version |
| **Operating Systems** | UNIX, Linux, MS DOS, Windows NT, 2000, XP, 2003/XP/Vista/7 |
| **Methodologies** | SDLC, RUP, Agile/SCRUM, Design Patterns, SOA |

**WORK EXPERIENCE**

**Client: Regions Bank – Hoover, AL Oct 16– Present**

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

Regions Bank is one of the largest community banks headquartered in Birmingham, AL. Regions began in 1971 as First Alabama Bancshares, initially offering financing for commercial real estate and home mortgages. Regions evolved into a full-service bank in 1986, further expanding its products and services in 2000 to include business banking and lending. Today, Regions offers consumer, commercial and private banking services, investment and insurance products and originates residential and commercial mortgages and construction loans.

**Responsibilities:**

* Developed business components using **Java Objects, Core Java, Multi Threading and Collections**.
* Development of **Spring Bootiful** application with **Microservices.**
* Implemented **Microservices** architecture to make application smaller and independent.
* Integrated with **Spring Cloud Netflix's** components like **Eureka** (Service Discovery), **Hystrix** (Circuit Breaker), **Ribbon** (Client Side Load Balancing) and **Zuul Proxy**.
* Developed end to end application on **spring boot framework** (RestApi Application/Spring JPA using Crud repository).
* Used **Maven build script** for building and deploying the application and Designing new database tables for the enhancements.
* Created User defined exception classes using Java.
* Involved in creating & consuming **Restful web services** to expose to other applications.
* Strong experience in implementing Service oriented architecture and **Web Services** using **SOAP, RESTFUL API's**.
* Developed **RESTful** Web Services to retrieve data from client side using **Micro Services** architecture.
* Wrote **spring** configuration file to define beans, define data source and **Hibernate** properties.
* Implementation of **Ehcache** as a second level cache in the **DAO** layer for **Hibernate**.
* Extensively used **Hibernate** in data access layer to access and updates in the database.
* Understanding user change requirements and analysing the source systems and Developed UI pages using **JSP & Spring MVC frame work**.
* Developing backend services in Java and **Groovy.**
* Validations are done using **Spring MVC** validation framework and **JavaScript**.
* Designed, developed and implemented **unit tests** and product features.
* Maintained, structured, and surveyed documents within the NoSQL **MongoDB** database; ensuring data integrity, correcting anomalies, and increasing the overall maintainability of the database.
* Responsible for building/deploying consistently repeatable build/deployments to company non-production environments using **JENKINS** & BUILD Pipelines.
* Worked on **Angular2 frame work** to augment browser based applications with MVC Capability, built dynamically generated dropdown lists using Ajax, **JQuery and Angular2.**
* Implemented **REST** web services using **Jersey** with the enabled **OAUTH**.
* Used **POSTMAN** for testing the web services, both in-house and external.
* Migrated existing business applications to **Amazon cloud services** (AWS) based environment and also deploy applications using **Amazon web services**.
* Installed, configured and hosted the **Tomcat** app servers and **MySQL** database servers on physical servers (Linux, Windows), and Amazon **AWS virtual servers** (Linux).
* Worked in setting up Linux Environment on **AWS cloud infrastructure**, migrated corporate Linux servers from physical servers to **AWS virtual** servers.
* Used **Docker** to containerize the Services and APIs to run on **AWS EC2** instances.
* Responsible for provisioning **Kubernetes** environment and deploying the dockerized applications by developing manifests.
* Used **JIRA** for tracking the activities, Tasks and defects.
* Working on data preprocessing, cleaning and publishing data to Apache **Kafka** topics
* Writing Java classes, reusable components and **Java Beans** for getting data from **oracle tables**.
* Performing the **Unit testing** and basic **functional testing** with different set of data.
* Developed **JUnit** test cases for Unit Testing and functional testing for various modules and prepared Code Documentation for future reference and upgrades.
* Developed the java code using **Eclipse as IDE**.
* Participated in a Scrum team and Agile Practices including **Test-Driven Development (TDD), Behaviour-Driven Development (BDD)** and pair programming.

**Environment:** Java SE, JDK 1.7 and 1.8, Hibernate 3.0, Spring, AWS, Groovy, Tiles, JSP, HTML, CSS, Angular2, JQuery, XML, XSLT, SQL Server, Maven, Apache Tomcat 8, Sonar, Eclipse 6.0, SVN, Windows XP, Jenkins, Spring Boot, JUnit, MongoDB, Docker.

**Client: ADI Energy – Smithfield, RI Sep 15 – Oct 16 Role: Sr. Java/J2EE Developer**

The ADI personnel are registered professional engineers and have been involved in the energy businesses for 20 years. We have specific experience in renewable energy such as Solar Energy, Solar Thermal, Wind, Bio-Mass as well as energy conservation and power plant development.

**Responsibilities:**

* Excellent analytical skills, written and oral communication, and experience collaborating with multiple development teams.
* Developed and consumed Rest Services using **HTTP** methods such as **GET, POST, PUT**, and **Delete** for user and account **Microservices**.
* Implemented **Spring Boot Microservices** to divide the application into various **sub modules**.
* Involved in designing, developing and testing of J2EE components like **Java Beans**, Java, XML, **Collection** Framework, JSP, spring and Hibernate.
* Implemented Backend functionality using **Spring Boot, Spring Cloud, Spring IOC, Spring MVC, Spring Core.**
* Used **Spring MVC** framework to enable the interactions between JSP/View layer and implemented different design patterns with J2EE and XML technology.
* Worked using **MVC** pattern, to write service layer.
* Worked on Spring Cloud Config, **Pivotal cloud foundry** and **AWS SQS** to deploy Spring MVC application to cloud.
* Used **Hibernate** as the **ORM** tool to communicate with the database and integrated with String using **Spring ORM,** to design **domain model classes.**
* Designed the **Hibernate** objects and used the **Hibernate APIs** to persist data.
* Implemented DAO layer using different hibernate techniques like strategies, Inheritance, annotations and criteria interfaces.
* Used SOA Integration service for Data Integration Service and Functional Integration Service.
* Created multiple **Restful** web services using **jersey2** framework.
* Used **POSTMAN** for testing the web services, both in-house and external.
* Migrated existing **EJB** web services to **Restful** services.
* Used **REST based web services** for all major remote services.
* Designing new components to fit in the already existing architecture using core Java, multi-threading different design patterns like the factory method, Abstract factory pattern, Singleton. While developing web-based applications used Web Services, both SOAP/WSDL and REST.
* Implemented **PL/SQL** queries and used **Oracle stored procedures**, and built-in functions to retrieve and update data from the databases.
* Deployed application on **Tomcat** server using build tool **Maven.**
* Installed, configured and hosted the **Oracle, Tomcat app servers** and **Cassandra DB** servers on physical servers (Linux, Windows), and Amazon **AWS** virtual servers (Linux).
* Used cloud computing technologies **Amazon EC2** and **Amazon S3** web services for Cloud Drive, Cloud Search. Migrated corporate Linux servers from physical servers to AWS virtual servers.
* Used **Cassandra** AWR & ADDM to monitor database activities and performance tuning. Extensive Performance Tuning, Memory (SGA) Tuning, Configuration, maintenance and tuning of Cassandra DB.
* Experience in **Test Driven Development (TDD)** using **Spring Test**, **JUnit** and **Mockito**.
* Developed server-side scripts in shell to customize **GIT** and integrate it with tools like **JIRA** and **Jenkins**.
* Worked on **CI (Continues Integrations)** and **CD (Continues Deployment)** methodologies using **Jenkins**.
* Use **Kafka** for publishing and consuming the updates to the inventory and calculate the immediately sellable quantity.
* Developed unit and integration tests for existing **Microservices** using **JUnit** and **Mockito**.
* Experienced in setting up high availability clusters for WebSphere MQ and WebSphere Message Broker servers using HACMP, VERITAS and MSCS.

**Environment:** Java, HTML, UML, XML, AngularJS, Servlets, JSP, EJB, JDBC, JNDI, JAXP, SQL, PL/SQL, Oracle 10g, Eclipse, Tomcat, WebSphere, JUnit, Spring MVC, Spring Cloud, Spring Boot, Hibernate, Cassandra, AWS.

**Client: Bentley University – Waltham, MA Feb 15 - Sep15**

**Role: Sr. Java Developer**

Bentley University is one of the nation's leading business schools, dedicated to preparing a new kind of business leader and one with the deep technical skills, the broad global perspective and the high ethical standards required to make a difference in an ever-changing world. Located on a classic New England campus just minutes from Boston, Bentley is a dynamic community of leaders, scholars and creative thinkers.

**Responsibilities:**

* Actively participated in the complete Software development life cycle starting from design phase to the implementation phase.
* Involved in developing **JAX-WS** web services.
* Involved in creating a web service interface proxy and implemented the business logic.
* Used HTTPs **REST** calls for request and response from communication solution web service.
* Involved in calling from a communication web service to Expression web service in order to send email and fax to MS Exchange server.
* Used **Spring DAO** concept in order to interact with Database using JDBC template and Hibernate template.
* Implemented **MVC** architecture using spring framework developed Controllers, Form beans and configured the spring configuration file.
* Worked with **Maven** 3.0, **Spring**.3.0 and spring suite to develop the coding to batch jobs.
* Used Maven for building and deploying the project on Web Sphere application server.
* Used JaxB for Marshalling/UnMarshalling, used XSD's to generate classes.
* Developed ORM mapping using **Hibernate** 3.x, including mapping files, configuration file and classes to interact with the database.
* Developed complex **SQL join queries** for efficiently accessing the data.
* Used Spring Core **Annotations** for Dependency Injection.
* Used Spring- Hibernate integration to interact with Data base layer using DAO's.
* Used **CVS** as a version control.
* Creating **JUnit** test case design logic and implementation throughout application.
* **Eclipse** used for Development i.e. used as IDE.
* Developed and deployed application on **Weblogic** Application server.

**Environment:** Java, Java EE, CVS, XML 5.0, Log4J, Ant, Maven, Hibernate 3.x, Spring 3.0, Spring Batch 2.x, AXIS2 v1.5.3, JAX-WS Web services, Weblogic, Oracle, Eclipse.

**Client: KEY Bank – Cleveland ,OH Nov 13- Jan 15**

**Role: Full Stack Java Developer**

One of the largest bank-based financial services companies in the US, based in Cleveland, Ohio; its subsidiaries provide investment management, retail & commercial banking, consumer finance, & investment banking products & services, Bank with branch network; offers personal, private, corporate, & business banking services (savings & checking accounts, CDs, credit & debit cards, loans, insurance, investment options); part of Cleveland-based KeyCorp.

**Responsibilities:**

* Developed Web Services to communicate to other modules using XML based **SOAP** and WSDL protocols.
* Wrote spring configuration file to define beans, define data source and Hibernate properties.
* Developed **one-many, many-one, one-one** annotation based mappings in **Hibernate**.
* Implemented **JPA** to persist the data into Database and implemented **CRUD** operations on the data.
* Developed the presentation layer with responsive web design experience using **Angular JS**, JavaScript**, CSS, HTML** and **JQuery**.
* Designed **Single page applications** using **AngularJS** implemented all the front-end components using **Spring MVC.**
* Involved in working with J2EE Design patterns (Singleton, Factory, DAO, and Business Delegate) and Model View Controller Architecture with Angular JS for frontend.
* Developed **JSP's** with Custom Tag Libraries for control of the business processes in the middle-tier and was involved in their integration.
* Developed server-side scripts in shell to customize **GIT** and integrate it with tools like **JIRA** and **Jenkins**.
* Built Web pages that are more user-interactive using Angular JS, HTML, CSS, RESTful API Services, JavaScript, Git, JSON.
* Developed Web Services to communicate to other modules using **JSON** based **Restful**.
* 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 **Oracle**.
* Worked on **front-end** and **back-end** application development. Have upgrade additional functionalities and services with the use cases provided using **AngularJS**.
* Designed and implemented Restful Web service using **Spring REST** to integrate with various connectors.
* Implemented **Spring ORM** wiring with Hibernate provided access to Oracle RDBMS.
* Allied, configured and hosted the Oracle, Tomcat app servers and Cassandra DB servers on physical servers (Linux, Windows), and Amazon **AWS virtual servers** (Linux).
* Used cloud computing technologies Amazon EC2 and Amazon S3 web services for Cloud Drive, Cloud Search. Migrated corporate Linux servers from physical servers to AWS virtual servers.
* Participated in the design walkthroughs and meetings.
* Used **Maven** tool to build project and **JUnit** to develop unit test cases.
* Used **Log4j** framework to log the system execution details to log files.

**Environment:** Java, HTML, XML, XSLT, AngularJS, Tomcat Web Application, UNIX, GIT, BDD, Hibernate, Spring DAO, AWS, MySQL, Oracle, Eclipse, CSS, Servlets, SQL, PL/SQL, SOAP, JUnit, Maven, Log4j.

**Client: Cendura Software Pvt Ltd – TS, India Sep 12- Oct 13**

**Java/J2EE Developer**

CA, a worldwide leader in enterprise IT systems and securities management, acquired Cendura Corporation, a privately held provider of IT service management and application service delivery solutions. Cendura’s solutions help you reduce the escalating costs of managing and supporting complex, distributed applications. Together, we help you drive greater value from your portfolios of IT. assets, services and investments, and better manage you development and delivery of IT systems and services.

**Responsibilities:**

* Involved in analysis and design of the application.
* Designed the system architecture for correspondence application using MS Visio.
* Developed User interface for the on-demand letter order management tool for service agents.
* Involved in drawing use case diagrams and sequence diagrams.
* Taken care of **Java Multithreading** part in back end components.
* Involved in configuration management of **VSS**, the version control tool.
* Involved in testing of application using Unit.
* Created multiple **RESTful** web services using **jersey2** framework.
* Also used Annotation capabilities of **RESTful API** by providing ease development and client adoption.
* Designed, developed and maintained the data layer using the **ORM framework** in **Hibernate**.
* Used **Spring** framework's JMS support for writing to **JMS Queue**, **Hibernate** Dao Support for interfacing with the database and integrated **Spring** with JSF.
* Integrated **spring** with **Hibernate** for data insertion and manipulation.
* Implemented **Spring Validator** for domain level validation.
* Implemented JAAS for Authentication and Authorization of Users.
* Implemented **Ajax** for creating interactive web application and for avoiding reloading of page for each request.
* Integrated spring with Hibernate for data insertion and manipulation.
* Deployed and tested the modules using Eclipse 3.2 & Web Logic Application Server 8.0.
* Implemented Spring AOP for calling a class before and after submission of form data.
* Oracle 10g is used for storing the user information.

**Environment:** Java, J2EE, Spring Batch, Oracle SQL, PL/SQL, JAXB, Maven, Eclipse, ECM, Unix Shell Script, VSS, JMS, Hibernate, Spring, Ajax.

**Client: Dr. Reddy’s laboratories – TS, India Jul 09 – Aug 12**

**Software Engineer**

Dr. Reddy's Laboratories, is an Indian multinational pharmaceutical company based in Hyderabad, Telangana, India. The company was founded by Anji Reddy who previously worked in the mentor institute, Indian Drugs and Pharmaceuticals Limited, of Hyderabad, India .Dr. Reddy's manufactures and markets a wide range of pharmaceuticals in India and overseas.

**Responsibilities:**

* Developed Use Case diagrams, Class diagrams and Sequence diagrams to express the detail design.
* Implemented **MVC** architecture using spring framework developed Controllers, Form beans and configured the spring configuration file.
* Used validation framework in the application.
* Worked with **EJBs (Session and Entity)** to implement the business logic to handle various interactions with the database.
* Worked on Messenger service in various modules to communicate with **JMS** for asynchronous communication within Application System.
* Involved in writing the presentation layer in **Java Server Pages (JSP).**
* Extensively used **Spring IOC** framework components such as Dependency injections.
* Wrote stored procedures, functions and triggers in PL/SQL.
* Developed critical elements of the server framework like user authentication, access control.
* Implemented messaging interfaces for asynchronous communication.
* Deployed business components into **WebSphere** Application Server.
* Used XSL/XSLT for transforming and displaying reports. Developed Schemas for XML.
* Involved in design and developing re-usable web services using SOAP, XML, WSDL, UDDI, DOM, XML Schemas, JAXP, and XSL.
* Involved in writing the ANT scripts to build and deploy the application.
* Extensively used WSAD 5.1 while writing code & used CVS for version control.
* Utilized **Hibernate** for Object/Relational Mapping purposes for transparent persistence onto the Oracle 9i database using **HQL**.
* Consistently produced the highest quality code through disciplined and rigorous unit testing and integration testing.

**Environment:** Java, J2EE, spring 2.0, EJB 2.0, JDBC, Servlets, JSP 2.0, JSTL, XML, XSL, XSLT, JMS, JNDI, SOAP, Oracle 9i, ANT, JUnit, WebSphere Application Server 6.1, WSAD 5.1, CVS, Log4J, JavaScript, Hibernate 2.0, Windows XP.