**JavaScript / Node.JS Backend developer**

**VISHWA V**

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**Professional Summary:**

* **Proficient** 7+ years of experience in analysis, design, development and implementations of client/server, database and/or Intranet-based applications using **Java, J2EE technologies**
* Strong expertise in all phases of **Software Development Life Cycle (SDLC)**- Software requirement analysis, design, development and Testing
* Strongly experienced Experience in Core Java concepts such as **OOPs Concepts**, Collections, Concurrent Framework, Multi-Threading, Exception Handling along with new features of Java **1.8 like Stream API, Lambda Expression,** Default method and functional Interface.
* Experience on Web Technologies using **HTML4/5, CSS2/CSS3, XHTML, DHTML, JavaScript, jQuery, AJAX, JSF, Angular, XML and JSON**
* Expertise in developing and consuming RESTful and SOAP Web Services using Spring and various **API's like Jersey, JAX-RS and JAX-WS.**
* Experience in using **ORM** frameworks like **Hibernate, JPA and integrating with Spring ORM.**
* Experience in building web applications using Spring framework features like **Spring MVC, Spring Context, Spring Data, Spring AOP, Spring ORM, Spring Batch** and **Spring Security.**
* Expertise in design & development of Web service which includes of handling **SOAP/REST** Requests and Response, **WSDL, JAX-WS, JAX-RS** and **Web service authentication.**
* Experience on **Java Multi-Threading,** **Collection, Interfaces, Synchronization,** & **Exception Handling**.
* Strong experience of developing data models using **Hibernate POJO's** and configuring Hibernate persistence layer.
* Expertise in developing front-end systems with JavaScript, Bootstrap, HTML5, CSS3, MVC frameworks such as Angular JS Backbone JS and D3. **JS, NODE JS** as a platform for Web applications.
* Experience in installing, configuring, tuning **IBM Web Sphere 6.x/5.x, Apache Tomcat 5.x/6.x,** **JBOSS 5.x/4. x.**
* Expertise in database modeling and development using **SQL, T-SQL and PL/SQL in Oracle** and **SQL Server environments.**
* Implemented load-balancing with NGINX to allow dozens of **Node JS** instances to handle thousands of concurrent users.
* Responsible for validation of Client Interface **HTML** pages using **JavaScript** and **jQuery**.
* Coded assigned modules using leading **Java frameworks** Struts and using industry standard tools Eclipse
* Strong experience in **XML** related technologies including **XSD, DTD, XSLT, XPATH, DOM, SAX, JAXP, JAXB, XML-RPC,** and **XML Beans.**
* Good experience in writing **SQL Queries, PL/SQL, Stored Procedures, functions, packages, tables, views, triggers** and data connectivity and data integration of Oracle.
* Strong Experience in working with Databases like **Oracle, MySQL, PostgreSQL, DB2 and SQL** Server and proficiency in writing complex **SQL, PL/SQL** for creating tables, views, indexes, stored procedures and functions.
* Expertise in build scripts like **Maven, ANT** and build automation.
* Built the reusable service components using **REACT, Angular 2,Angular JS** and **Node JS** services with Object Oriented JavaScript, JQuery, HTML5, CSS3 based on the visual designs.
* Experience in using Hadoop technologies such as **Map Reduce, Pig** and Hive scripting.
* Exposure to **UNIX** commands and **Linux OS.**
* Experience working on **RESTful** Web Services. Developed and consumed RESTful Web services using **Eclipse IDE.** Worked on consuming **SOAP** web services and generating **WSDL**.
* Used **Ajax** with **JavaScript** and **jQuery** to send Requests and receive responses from the server. Managed request handling in Servlets. Used **JSP** with **JSTL** to display the response.
* Extensively worked on web application servers such as **Apache Tomcat 8.0, Glassfish 4, JBoss 6** and Oracle **WebLogic 12c**.

**Technical Skills:**

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| **Languages** | C, C++, Java, SQL, PL/SQL, Unix Shell Scripting. |
| **J2EE technologies** | Struts, JavaBeans, EJB, JDBC, JSP, Servlets, JSF. |
| **Framework** | Hibernate/JPA and Spring (MVC, Boot, IOC, AOP, Security, Data and Batch) |
| **Web Services** | API RESTful (JAX-WX, JAX-RS), SOAP and WSDL |
| **Web Technologies** | JavaScript, Node JS, Angular (1,2 and 4), Bootstrap, DOJO, JSON, Jquery, AJAX, HTML, CSS, XML, DHTML. |
| **Development** | IDE RAD, Eclipse, IntelliJ, NetBeans. |
| **Databases** | Oracle, DB2, MongoDB and Cassandra |
| **Application Servers** | WebLogic, Web Sphere, Tomcat, JBOSS and Jetty. |
| **Cloud** | AWS EC2, S3, EBS, ELB, VPC, IAM, Cloud Watch and Route53. |
| **Testing** | Cucumber, JUnit, Jasmine and Mockito. |
| **Versions** | Controls GIT, CVS, SVN |
| **Others** | Postman, Splunk, Log4j, JIRA, Maven, Gradle and Ant |

**United Fire Group, Cedar Rapids, IA Sep’2017-Till Date**

**Role: NODE JS Developer**

**Responsibilities**:

* Designed and developed the application with **J2EE architecture, frameworks** like **Spring MVC** and **Spring Bean Factory.**
* Involved in Daily SCRUM meetings and weekly Spring Meetings.
* Created connections to database using **Hibernate Session Factory**, using **Hibernate API**s to retrieve and store data to the database with **Hibernate** transaction control.
* Designed and developed **UI screens** using **JSF**, **JavaScript**, **AngularJS**, **jQuery**, **Ajax**, **CSS3** and **HTML5.**
* Created crypto services in **Node JS** for open **API, MDES, Master pass, BPMS** systems of MasterCard.
* Full analysis of **Node JS** and **React Js** Wireframes, Visual Design Documents and other Requirements Documents to completely understand the required behavior of the web pages and user interactions
* Managed Amazon Web Services like **EC2, S3 bucket, ELB, Auto-Scaling, SNS, SQS, AMI, IAM,** Dynamo DB, Elastic search, **Virtual Private Cloud (VPC)** through AWS Console and API Integration.
* Built the reusable service components using **REACT, Angular 2,Angular JS** and **Node JS services** with Object Oriented JavaScript, JQuery, HTML5, CSS3 based on the visual designs.
* Implement modules into **Node JS** to integrate with designs and requirements along with Web Markup Services.
* Designed user interface for the product of gift card using **Angular JS, jQuery, CSS3, HTML5** and **JavaScript.**
* Produced client side validation through **JavaScript** and **Ajax** for asynchronous communication.
* Involved in development of front-end components using **Spring MVC, JSP, JavaScript, JAVA,** and **JSON.**
* Worked on designing the User Interface by coding in **HTML5**, **AngularJS**, **Bootstrap** to create the **SPA** (Single Page Application).
* Good knowledge on providing authentication and authorization for web services using OIDC(Open ID Connect) on top of **OAuth 2.0(**Single sign on helpful for logging user activities as well as monitoring user accounts) and **Spring Security,** Site Minder (for pol based authentication) and JWT (JSON web tokens for securely transmitting information between parties as a JSON object).
* Implemented Web API to use **OAuth** with **JWT (JSON Web Tokens)** to secure the Web API Service Layer. Experience using OAuth token for Http Communication to access Translate APIs.
* Employed the **Single Sign On (SSO)** authentication using CA Site Minder for logging to the application from different cross network websites.
* Worked on enabling **Single Sign On (SSO)** Configuration.
* Developed application using new features of **Java 1.8 Annotations**, **Generics**, **enhanced for loop** and **Enums**. Also, Used **Java 1.8** Method References feature to point to methods by their names and used functional Interfaces.
* Design roles and groups for users and resources using AWS **Identity Access Management (IAM)**.
* Experienced in AWS Cloud platform and its features which include **EC2 AMI AWS Config, IAM and S3.**
* Set up **JBoss** Server, Configured **MySQL** Cluster in **Linux OS** and installed OpenCall XDMS
* Responsible in decrypting the **SAML** token.
* Implemented **LDAP, Single Sing on** Authentication **SSO, OAuth, SAML.**
* Integrated **SOAP** services use for client authorization with the application restful services.
* Designed and developed **RESTful** service interface using **Spring MVC** to the underlying customer event API. Involved in building **RESTful** Web services using **JAX-RSAPI.**
* Used **Bootstrap** and **React.js**  in effective web design.
* Solid experience on API development using **node JS, express JS** and **Mongoose.**
* Created custom Plugins, templates, and functions for **Angular JS** application.
* Involved in consuming RESTful services and processed **JSON** data to render on **UI.**
* Specially working with **AJAX** data consisting of **JSON** responses, parsing the same and presenting on the UI layer.
* Developed Shared module with components that will be shared across the application such as **Loader, ModalDialog, models, ErrorHandler**.
* **ActiveMQ** to implement real time messaging system within the project.
* Involved in Creating and Consuming RESTful Services using Spring MVC, Spring Boot.
* Used RESTClient and **POSTMAN** to test the rest-based services and used **Junit** and **Mockito** to test the middleware services.
* Used **Spring Tool Suite (STS)** for development of the application.
* Designed and developed Microservices business components using **Spring Boot**.
* Used Hibernate in the persistence layer and implemented **DAO'**s to access data from database.

**Environment:** Web Services, Spring 4.x, Hibernate 4.x, HTML5, JSP, JavaScript, JQuery, AJAX, OAuth, GWT, CSS3, Angular JS, SOAP UI, XML, IAM, SDL, Java1.8, J2EE, Scala, Kafka, Adobe LiveCycle ES4, Micro Services, Mule ESB, JIRA processes, GIT, Design Patterns, PL/SQL, Junit, WebSphere MQ, Maven, Eclipse IDE, CVS and Oracle 11g

**Kroger, Cincinnati, OH March’2013 – August’2017**

**Role: NODE JS/Java Developer**

**Responsibilities:**

* Experienced with Software Development Life Cycle (SDLC) with object oriented of business process and worked on developing Service oriented architecture applications in agile development environment.
* Developed UI using **AngularJS, HTML5, CSS3, jQuery, Bootstrap, JavaScript, Ajax.**
* Developed and implemented Business Requirements using **Spring MVC** framework. Implemented cross-cutting concerns such as logging, authentication and system performance using Spring **AOP.**
* Developed reusable and interoperable services, **based on SOAP**, **WSDL, JAXWS, JAXRPC Web services.**
* Build prototype for various required services such as Scheduling, Logging and Notification Service using third party **Node JS** based **JavaScript library**.
* Implemented web services in **Service Oriented Architecture (SOA)** to retrieve data from client side NodeJS and parsed the data to client and handled the security and Authorization using Spring Security and OAuth authentication protocol respectively.
* Very good understanding how to use **Node JS** clustering to get maximum benefit of CPU resources
* Implemented **Java EE** components using **Spring MVC, IOC,** Spring transactions and Spring security modules.
* Added dynamic functionality to the application by implementing **JQuery, Node JS.**
* Implementing or exposing the **Micro** **services** to base on **RESTful API** utilizing Spring Boot with **Spring MVC.**
* Used **Jackson** Custom Mappers for Custom manipulation for date, currency conversations **on JSON Data.**
* Implemented the Web Service client for the login authentication, credit reports and applicant information using **JAX-WS 2.0** and **Apache Axis 2.**
* Called external vendor applications using Web Services for delivering notifications.
* Created **SOAP** based web service using **JAX-WS** and tested service using **SOAP UI**.
* Tested REST services using google chrome's **POSTMAN** plugin.
* Worked on **JUnit** for creating **test cases** for all the Business Rules and the application code.
* Experienced with setting up the basic project setup from scratch using **Spring-Hibernate based design**.
* Posted messages to external vendor sites using **ApacheCXF** and exposed services to other client applications.
* Worked on **JPA** as persistence layer, involving **EJB** annotations to synchronize with database through **XML**.
* Used **JIBX** binding to convert Java object to **XML and vice-versa.**
* Deployed the application in **JBoss** Application Server.
* Developed UI using **HTML, JSF, jQuery** and **JavaScript** and used **Ajax** in few applications.
* Developed **CSS sheets** for developing user aesthetic UI components.

**Environment:** HTML, JSF, jQuery, JavaScript, ApacheCFX, JBoss, Spring 3.x, Hibernate 3, SpringMVC, SVN, SOA, RESTful, JAX-RS, Jersey, SoapUI, JAX-WS, Apache Axis 2, JUnit, Web services, JiBX, Postman, Agile.

**Persistent Systems, Pune, India Jan’2012 – Dec’2012**

**Role: Java Developer**

**Responsibilities:**

* Actively involved in the various phases of **SDLC** of gathering business requirements, analysis, design, development, testing and support.
* Participated in team meetings, discussions with business analysts and created the scope and functional specifications to lay out the project phases.
* Worked with the **DBA** team to develop the initial draft for the data model from the requirements.
* Designed and developed a web site application using **J2EE, XML, EJB, Servlets, JSP** under the **Apache Struts Framework, stateless Session EJBs, JMS, JDBC, JNDI, Connection Pools, IBM MQSeries** and **Sybase RDBMS.**
* Created the **Hibernate Mapping** files using Hibernate to access the data from database.
* Used **Core** **Java**, Multithreading, Collections like List, Array List, Hash Table, and Map.
* Implemented **EJBs (Stateless and Stateful session beans).**
* Developed web application using **JSF Framework**. Used **JQuery** and **JSF** validation framework for front end validations.
* Involved developing re-usable web services using **SOAP, XML, WSDL, XML Schemas,** and **JAXP**.
* Developed applications using **Net Beans IDE** and deployed in **WebLogic** application server
* Implemented **Spring MVC** module for repayment module.
* Implemented Business Delegate, Facade, Service locator, Data Access Object and Value Object design patterns.
* Created war files & deployed on **WebLogic** using **ANT** deployment tool.

**Environment:** Java 1.5, J2EE, Struts 1.1, JSPz 1.1, Servlets, EJB, Hibernate, Apache Struts Framework, JNDI, HTML, CSS, XML, XSLT, Coe java, Java Script, Java Server Faces, Bootstrap, Struts Validation Framework, Tiles, Ajax, Net Beans, Web services, SOAPUI, weblogic 11g, Log4j, ANT, JMS, MQ, SVN, JUnit, Oracle 10g.

**Innasoft, Madhapur, India June’2011 – Dec’2011**

**Role: Jr. Java Developer**

**Responsibilities:**

* Developed multiple user tools with **core Java** and **DB2** using **eclipse IDE.**
* Implemented multiple design patterns like f**actory, façade, etc.**
* Extensive code reviews on adherence to design, performance and real time production support.
* Wrote **HQL queries** as part of development.
* Designed and implemented **XML parsing for XML** order conformations.
* Created **database pool, multi-pool,** data source and mapped them to roles.
* Used Spring for creating the object using **dependency injection** (IOC).
* Developed the web-services and analysis of **SOAP** envelope using **SOAP** **UI**.
* Created Rest web services using **JAX-RS, Hibernate framework**.
* Configured **action mapping (in XML)** for each logical request that may be submitted.
* seed **Hibernate** as **Object Relational (OR)** Mapping Tool for the backend data.
* Have used **DOJO toolkit** to construct **Ajax** requests and build dynamic **web pages using JSP, HTML5** and **JavaScript, Angular JS**.
* Wrote batch jobs and was involved in **performance** **tuning** of complex queries.
* Developed the different components of the application such as **JSP, Servlets, DAO,** and Used **Sub Version** (**SVN**) for version control.
* Developed additional UI Components and implemented an asynchronous, **AJAX (JQuery)** based rich client to improve customer experience.
* Built **ANT scripts** for automated deployment and for the build operation of the entire application.
* Developed web pages using **HTML5/CSS** and **JavaScript, Angular JS**
* Developed many **JSP** pages, used **Dojo** in **JavaScript Library, jQuery UI** for **client**-**side** validation.

**Environment:** Core Java, SQL (DB2), Design Patterns, Spring, OOPS/OOAD (UML), XML, Hibernate, DOJO 1.5, Eclipse IDE, Tortoise SVN source control, Bugzilla, Autosys, Aqua Studio, JIRA, Cygwin.