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| **Vinitha S**  [svinitha0819@gmail.com](mailto:svinitha0819@gmail.com)  (515) 717-0149  Full Stack Java Developer | ocjpjava_cert_prog_cmyk |
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| **Professional Summary:** | |

* 7+ years of progressive experience working on **Core Java**, **Java/J2EE.** Involved in various stages of **SDLC** (Software Development Life Cycle) implementing **Waterfall** and **Agile, Iteration, Scrum** methodologies.
* Development skills using multi-tier enterprise applications & Client/Server applications using Java/J2EE technologies (Collections, JDBC, Hibernate, JSP, JSTL, Servlets, Web Services using RESTful and SOAP).
* Experienced in highly transactional web-based applications, multithreaded services, OOPS concepts, application server configurations and Design patterns.
* Experience in **SpringMVC** (Model View Controller) architecture, using Spring 3.x & 4 Framework with ORM Hibernate 3.x, Maven and various Java/J2EE design patterns.
* Good experience in designing and developing **User Interface (UI)** applications and professional web applications using HTML5, XHTML XML, XSL, XSLT, jQuery, AJX, JavaScript and CSS3, AJAX, JSON, JSF, React JS, Node JS and Angular JS.
* Using **AngularJS** employed Dependency Injection design pattern to compose the responsibilities through intrinsic interface and performed isolated unit tests.
* Experience in **Angular 2** for designing and developing components, forms and validations to validate user input in various web applications.
* Experienced in **ReactJS** and working with React flux architecture, Redux architecture using complex Object-Oriented concepts in improving the performance of the websites.
* Exposure and built applications using React JS with ES6 which allowed us to render pages on both the client and server using the same codebase.
* Familiar with **Angular 2 reactive framework** and its implementation with **Flux** or **Redux**.
* Experience in developing responsive web applications using Bootstrap, Angular Flex Layout, Angular material and knowledge in using ES6 and ES7 for reactive programming of JavaScript using Redux, NgRx for managing application and programming using Lambda, Streams in Java 8.
* Implemented Angular4 concepts: Interpolation, Input variables, Bootstrapping, Ng-For, Ng-If, Router Outlet, binding the click event, Component decorator, binding to the hidden property.
* Hands on experience in development ORM mappings using JPA, MyBatis with Spring.
* Good knowledge in setting up Web Pack, Fuse Box JavaScript module bundlers for generating static assets with minified source code and lazy loading modules into small bundles for good performance.
* Experience in **Database** with MySQL, Oracle and PL/SQL with Joins, Stored Procedure, SQL Queries, Triggers and functions.
* Proficient in developing Single Page Applications (SPA) i.e. web applications using Backbone.js, node.js, Gulp.
* Working on a POC to consume messages from Active MQ and persist data using dataTorrent.
* Knowledge about integration platforms like Apache Tomcat and messaging platforms like ActiveMQ(AMQ).
* Experience in working with RDBMS concepts like the SQL & NoSQL Database like Postgres, MySQL, **MongoDB, Dynamo DB** to manage extremely large data sets.
* Implemented **Deign Patterns** like Service Locator, Session Facade, Data Access Objects (DAO), Factory, Singleton, Data Transfer Object (DTO), Service Oriented Architecture (SOA) and Business Delegate.
* Experience in developing web applications using SOAP based Web services - SOAP, WSDL, CXF, AXIS, and JAX-WS and Restful Web Services - JAX-RS, CXF, and JERSEY.
* Experience implementing Enterprise Java Bean (EJB) technology as a middle layer for communication with database servers.
* Well versed with Cloud Automation using **Amazon Web Services (AWS)** Cloud formational templates. Managed the **AWS** instances using auto scaling and services like Elastic Compute Cloud (EC2), ELB, Virtual Private Cloud (VPC), Route53, Cloud Watch, Simple Storage Service (S3), Glacier, Auto Scaling, IAM, DynamoDB, AWS CLI, RDS, SNS, SWF, SES and EBS etc.
* Experience on CI (Continues Integrations) and CD (Continues Deployment) methodologies using Jenkins and configuring build tools like MAVEN, GRADLE and ANT for deployment and development.
* Good experience in unit testing, Integration testing and User Acceptance testing using **JUNIT**, **Selenium** and static analysis using J Test.
* Proficient in programming by using the **IDE’s** such as Visual Studio code, Eclipse, IntelliJ, STS, My Eclipse, WSAD and RAD.
* Expertise with IBM Web Sphere Application Server 6.x and **Apache Tomcat**.
* Experience in using **bug-tracking tools** like JIRA, HP-ALM, BMC Remedy, Rally, Bugzilla.
* Have a good knowledge in creating load balancers, elastic beanstalk applications and to change DNS by using Route 53.
* Knowledge of **Auth0 concepts** for authentication and verifying authorization to application with JWT token using JavaScript libraries using 0Auth2.o principles.
* Very good experience in using development plugins for browsers like Firefox, Chrome and Augury.
* Participated in initiatives to improve processes and establish best practices by planning, directing, coordinating activities of different projects to ensure goals within time frames and budget. Supervised new technologies and evaluated how they could be integrated and utilized to better serve our clients.

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| **Technical Skills:** |

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| **Programming Languages** | Java, UML, XML, SQL, Pl/SQL, JavaScript. |
| **Web Technologies** | Servlets, JSP, JDBC, JSTL, JMS, Hibernate, Spring Core, Spring MVC, HTML, CSS, DHTML, AJAX, JQUERY, Angular JS, Angular 2, Angular 4, React JS, Node JS, DAO. |
| **Frameworks** | MVC, J2EE (JSP, Servlets, JMS, JDBC, JNDI, JSF, EJB), CSS, Swing, Java Mail API, Structs, Hibernate, Spring, JAXB, JAX-RS, JAX-P, REST, JSON, GWT, AJAX, SOA. |
| **Web Services Technology** | XML, AWS, SOAP 4.0, SOA, RESTful, WSDL, JSON. |
| **Databases** | Oracle 11g/10g /9i, MySQL 5.5.27/5.6, PL/SQL, MongoDB. |
| **Application Servers** | Apache Tomcat 6x/7x, Web, SQL server, WAS, Glassfish. |
| **Software Methodologies** | Object Oriented Analysis & Design, UML, SDLC (Agile, Iterative), MS Visio, In-Flux Tool for BPE. |
| **Operating Systems** | Windows 2000/XP/7, Windows 8.1, Windows 10, Linux, UNIX. |
| **Cloud** | Amazon Web Services (AWS) |

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| **EDUCATION:** |

Master’s in Computer and Information Science

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| **CERTIFICATION:** |

Oracle Certified Java Programmer.

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| **PROFESSIONAL EXPERIENCE:** |

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| **Client: Department of Labor, Nashville, State of TN Aug 2016 – Till Date**  **Role: Full Stack Java Developer** |

**Responsibilities:**

* Followed AgileMethodology that includes attending daily standups, sprint planning, sprint reviews by involving in analysis, specification, design and implementation and testing of SDLC.
* We have followed Mean Stack Application by involving Microservices architecture to build front-end,back-end and database.
* Mean stack application basically provides Angular framework as front-end, node.js/express.js as a platform for back-end and mongo dB as database.
* Developed Single Page Applications(**UI**) using Angular-JS, React-JS, Node-JS and designed by using HTML, Bootstrap and CSS, jQuery, JavaScript.
* Experience with services, pipes, form validation, Reactive forms in Angular 2.
* Created **Angular 2** custom pipes to format the data before displaying it to the user.
* Validated forms using Angular 2 and regular expressions there by providing client-side validation and server validation.
* Moved from existing Angular 2 to Angular 4 components for more responsive and less dependency.
* Used Bootstrap library, JavaScript, HTML and CSS styling to quickly build project UI’s and used **Angular4** framework to associate HTML elements to models.
* Created services with **Angular 4** to make service available for Dependency Injection.
* Used **Angular 4** Reactive forms to implement complex **forms** and dynamic forms to perform the validations using form builder.
* Optimized the performance of application using Angular 4 **Lazy Loading** and ahead of time compilation.
* Developed single page applications using **Angular 4** by creating Typescript reusable components and services to consume REST API’s using component-based architecture.
* Involved in using new features with **Angular 4** like Ng-If with Else, Pipes, compare selector and Validators followed by the client requirements.
* Developed **XSLT** files for transforming the **XML** response from the web service into **HTML** as per the business requirements.
* Used **DOM** parser to parse the **XML** documents and **XSLT** for transformations, also Transformed, Navigated and Formatted XML documents using **XSLT**.
* Created and managed AJAX calls in the application, integrated with the JSF controls.
* Developed Client web application using **React.js** for drag and drop components, used Web pack and Node Package Manager to install application dependencies by creating Gulp tasks to clean, compile, build and minify JS.
* Developed real time tracking of class schedules using Node JS.
* Built NodeJSnpm packages/libraries to support current and future Node Development.
* Created API using nodeJS for internal company use. Functionality such as publishing actions, authenticating, notifications, etc.
* Worked on Node**.**js platform for a single-page application development.
* Implemented modules into Node.jsto integrate with designs and requirements.
* Developed **Microservices** to provide **RESTful** API utilizing Spring Boot with various data persistence frameworks.
* Designed and developed the business logic layer components in middle-tier of the application using **Spring Framework4.0** and **Spring Boot** in STS.
* Designed and implemented business logic with **Spring 4.0** framework to perform IOC to isolate business logic from data presentation, AOP, and integrated Spring MVC to define Controller, action mappings, services.
* Deployed **SpringBoot** based micro services Dockers container using Amazon EC2 container services and using AWS admin console.
* Developed **Micro services** using Spring Cloud, Spring BOOT, Spring Config Server, Netflix Eureka, Netflix Zulu (Edge Server), Netflix Ribbon.
* Developed RESTful **webservices** resources using Spring to serve the data in JSON format and used Swagger to create the REST API documentation for clients.
* Experience in core AWS services like S3, EC2, ELB, EBS, Route53, VPC, Auto scaling and deployment services like Elastic Beanstalk, Ops Works, Cloud Formation and security practices like IAM, Cloud Watch and Cloud trail.
* Experience in developing and deploying the micro services applications in Pivotal Cloud Foundry (Paas) cloud platform and CF command line interface to docker container.
* Worked on Dockers for building rest services and deploying to EC2 instance (AWS).
* Used**Spring Boot** for building application with **Spring initializers** and bootstrapping the build configuration and develop custom solutions that act upon **Jenkins** information in authentic time.
* Designed and implemented the **MongoDB** schema and Wrote services to store and retrieve user data from the **MongoDB** for the application on devices
* Created collections and perform **CRUD** operations on **MongoDB** using **Mongoose** and used Mongo Repository and spring **Mongo template** for persistence.
* Used Continuous Integration(CI) and Continuous deployment(CD) for integrating and deploying purposes using Jenkins whereas Gradle tool are being used for building purposes of code.
* Communicate between Message broker like JMS to Active MQ.
* Track failure events by adding sufficient logs for monitoring in Splunk.
* Create desktop application with Angular 2/4 and Unit Test with Karma-Jasmine.
* Followed test driven design (**TDD**) technique and worked on Pair programming.
* Basic understanding in **UNIX**, Linux and UNIX Shell Scripting.
* Used Log4j to implement logging facilities, track information and used Subversion (SVN) for version control.

**Environment:** Java, J2EE, spring, JavaScript, HTML, Angular 2, Angular 4 CSS, jQuery, HTML5, Jenkins, LESS, Spring boot, Microservices, Nodejs, Web Services (SOAP, WSDL), REST services, XMPP, JUnit, XML, Maven.

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| **Client: Department of Veteran Administration, Austin, TX Mar 2015 – July 2016**  **Role: Full Stack Java Developer** |

**Responsibilities:**

* Participated in **Agile** and **scrum** meetings for requirement gatherings and product development.
* Designed the user interface screen and its functionality as per user requirements and developed **RESTful** Web services in **MuleESB** based on **ServiceOrientedArchitecture(SOA**).
* Developed Web-application pages using HTML, CSS3, Bootstrap and AJAX.
* For client-side view rendering services, used **React JS** typically used various predefined **Redux**libraries.
* Configured **React-Redux** for state management and **React-Router** for programmatic navigation.
* Implemented **Store-Redu**x for holding the whole state tree of application and **Reducer-Redux**

for describing actions.

* Mocha test runner and **Chai** test framework are used to test **React JS** components.
* **Legacy Web Services** Systems using **SOAP (AXIS-2)** is migrated and implemented using **REST (Jersey extending the JAX-RS)** with data representation in different formats such as **XML** and **JSON**.
* Developed lot of reusable components and utility classes in core **Java**, created multiple abstract classes and interfaces to abstract details from end user.
* Accessed Restful resources with HTTP protocol, the URL of the resource serve as the resource as the resource identifier and **GET**, **PUT**, **DELETE**, **POST** and **HEAD** are the standard operations.
* Created and consumed **RESTful** based Web services and used **SOAPUI** to test for send and receive XML data and worked with JMS Queues for sending messages in point to point mode communication.
* Developed REST Web services using JAX-RS and Jersey to perform transactions from front end to our backend applications, response is sent in JSON or XML formats based on the use cases.
* Developed API's using Apache Camel Rest to interact with other applications and Jersey to perform transactions from front end to our backend applications, response is sent in JSON format based on the use cases.
* Implemented **WADL** configuration and **API** documentation for the understanding of Rest based web services.
* Implemented Single Sign On and poly-based authentication using **SiteMinder** security framework.
* Used JAXB for marshaling and un-marshaling the Web Services.
* Developed necessary parsing and XML construction logic using **XML parser APIs JAX-B.**
* Experience in Data migration from DB2 to Apache **Cassandra DB** and involved in major and minor up gradation of Couch base and **Cassandra cluster.**
* Utilized **Cassandra**, NOSQL database management system for keeping user generated data and to store poisoned messages.
* Created application for data modelling to allow various DB2 to Cassandra table migration use cases.
* Used   Cassandra   CQL with Java API's to retrieve data from   Cassandra   tables.
* CQL is used to query Cassandra data from dev center.
* **Message broker services** are achieved in the application using **Active MQ** with **JMS** framework.
* Used **Maven** build tool to deploy the application on web servers i.e. **JBoss**.
* Used Jenkins CI/CD tool to make the build passes before deploying the code to other environments
* Focused on Test Driven Development (TDD) thereby creating detailed JUnit tests for every single piece of functionality before writing the functionality.
* Monitored the error logs using Log4J and fixed the problems.

**Environment:** Core Java, J2EE, JMS, SOA, Apache Tomcat, Eclipse, UML, HTML, Cassandra db, AWS, Node.js, Java Script, jQuery, XML, Log4j, Oracle, JNDI, JUNIT, Maven, log4j, SVN and Mockito.

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| **Client: Comerica Bank, Auburn Hill MI Aug 2013 – Feb 2015**  **Role: Java Developer** |

**Responsibilities:**

* Implemented monolithic application by involving in Software Development Life Cycle (**SDLC**) using **OOAD, UML** design patterns.
* Created user-friendly **GUI** dynamic interface and Web pages using **HTML, CSS, JavaScript, jQuery** like designing logos and templates for client-side validation.
* Implemented server-side components primarily using Core Java, Multithreading, Spring, SpringJDBC and Web Services.
* Well versed with **core Java** concepts like collections, multithreading, serialization, Java beans.
* Used **AngularJS** as framework to create single Page Applications which can bind data to specific views and synchronize data with server.
* Created custom directives and filters using **AngularJS** built-in $http service from controller through dependency injection.
* Used client-side form validation of **AngularJS** framework to monitor the states of the form and input fields and notify the user about the current state.
* Implemented multi-threading using Java.util.concurency API to improve the processing of data feeds.
* Extensive experience working in Spring Framework Spring MVC, Spring AOP, Spring DAO, Spring ORM, Spring Security and O/R mapping Hibernate framework and by implementing Java EE components using Spring MVC, Spring IOC, Spring transactions and security modules.
* Implemented service layer using Spring IOC and annotations and Controllers using Spring MVC.
* Involved in the upgrade process of Spring 2.0 to Spring 3.0 and Hibernate 2.x to Hibernate 3.0 to take advantage of new Spring and Hibernate features.
* Extensively used **Spring** **IOC** configured Application Contextfiles and performed database object mapping using Hibernate annotations.
* Developing application using **Spring MVC**, **Dependency Injection** to improve usability and flexibility.
* Used Spring API's for wiring components using dependency injection.
* Used **Spring** **JDBC** Template and implemented **DAO design Pattern** to connect and retrieving data.
* Used JPA and Hibernatewith entity beans for interacting persistence layer for **CRUD**operations.
* Used Hibernate Persistence strategy for mapping business objects to the Oracle database.
* Development and support of **Restful Web services** that support JSON using Spring Web services JAX-RS JSON Spring MVC Module.
* Implemented the **Hibernate** framework **ORM** to interact using XML files with the **MySQL** Server.
* Configured Hibernate, Spring and MyFaces JSF to map the business objects to Database using XML configuration file.
* Created and maintained mapping files and transaction control in Hibernate.
* Used Hibernate ORM framework as persistence engine, configured O/R mapping and wrote hibernate queries.
* Used Hibernate Criteria API to apply filtration rules and logical conditions on persistence objects.
* Implemented **PL**/**SQL** queries and used **Oracle** stored procedures, and built-in functions to retrieve and update data from the databases.
* Deployment to Tomcat server.
* Implement Continuous Integration and Continuous Delivery (CI & CD) Process stack using GITHUB/GIT, Jenkins, Artifactory, Chef and Puppet.
* Worked with teams where requirements are constantly being implemented, tested and improved.
* Handled all aspects of the web application including maintaining, testing, debugging and deploying.

**Environment:** HTML5, CSS3,JavaScript, JSP, XML, Bootstrap.js, Angular.js, D3.js, DHTML, jQuery, Ajax, DOM, JSON, Spring, Hiberante, Adobe Flash, SOAP, Web Services, Eclipse.

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| **Client: Genpact Hyderabad, India Nov 2010 – July 2013**  **Role:Java Developer** |

**Responsibilities:**

* Involved in requirements gathering and designing low and high-level requirements documents for monolithic application.
* Involved in analysis, design and development of project and implemented OOPS concepts.
* Involved in the extensive usage of **HTML**, **CSS**, **JQuery**, **JavaScript,** and **Ajax** for client-side development and validations.
* Well experienced in Core Java like asynchronous programming, multithreading, Garbage collector, collections and a few design patterns.
* Well versed in using Struct web container framework for developing applications using **JSP, Servlets, JSTL** and **Java Beans**, Struct Tag libraries.
* Used **Struts Validation**framework in the presentation layer.
* Developed server-side using **JSP, Servlets** for better user database interaction and easy reporting of the data driven applications.
* Implemented several Custom Tags for JSP pages and were used for displaying account information, applications, fulfillments.
* Implemented several agents as **Servlets**that run regularly to load the data into DB2 database from external systems.
* **Servlets** are used as controller to delegate requests to various JSPs.
* Deployed flow of Execution in the Servlet Environment using STRUTS and defined Navigation Rules.
* Developed Struts framework Action Servlets classes for Controller and developed Form Beans for transferring data between Action class and the View Layer.
* Servlet technology was used on the middle tier to respond to serialized object requests. The servlet had extensive security and server-side session storage to streamline communication with the client tier.
* Database schema design development and coding of **DDL** and **DML** statements, functions. Extensive Knowledge of database like **Oracle,** designing the database and coding of **SQL, PL/SQL, Triggers, and Views**.
* Involved and used in log4jAPI for logging application flow and debugging.
* Webservices communication used soap.
* Used Soap UI for load testing the Web services and involved in creation of various Data Access Objects.
* Used CVS for version control across common source code used by developers and Developed J-Unit test cases for all the developed modules.
* Responsible for application setup and configuration in the development, QA and Production environment and preparation of the timely builds using ANT, releases, and deployment on Tomcat Server for web applications and web portals respectively.
* Involved in unit testing.
* Used Firebug for application webpage troubleshooting and Eclipse debugger for the bug fixes.
* Responsible for Code review and comments for other team members.

**Environment:** JDK 1.5, Core Java, Advanced Java, Struts, JSP, Servlets, JMS, XML, SOAP, WSDL, JavaScript, UML, HTML, JNDI, CVS, log4j, Web sphere Application server, Oracle 10g, Eclipse.