

**Ravalli**

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|  | **PROFESSIONAL SUMMARY** |

* Developer with 7+ years of experience in Core Java/J2EE, Hibernate, Spring Framework, Design Pattern, Websphere, Oracle, Ajax, Log4j, XML, and Maven etc.
* Strong application development experience in using **Agile** Software Development methodologies like **Scrum, Sprint** and Traditional software models like **Waterfall and TDD**.
* Expertise in developing **web pages** using **HTML5, CSS3, CSS4, JavaScript, JQuery, Ajax, Angular JS, React JS, Bootstrap** with webpage cross browser compatibility and **responsive web design** and Server scripting language like **Node JS, Backbone JS.**
* Extensive use of reusable components and containers inside React-Redux application.
* Expertise in Web Front End Technologies **Struts, Tag Libraries** and **Struts custom validation rules, Tiles, JSTL, Java Script, DHTML** and **XML/XSL.**
* Developed web-based enterprise applications using **core Java, J2EE, Servlets, JSP, EJB, JMS, JDBC, Hibernate, Web Services (SOAP** and **REST), MVC framework (Struts, Spring MVC), SQL and Object-Oriented Programming techniques.**
* Proficient in core java concepts like **Collection Framework**, **Multi-threading**, **Generics**, **Annotations**, **Serialization, Thread pools, JavaBeans, Externalization.**
* Experience in Configuring and Integrating the Servers with different environments to automatically provision and create new machines using Configuration management/provisioning tools like **Ansible.**
* Proficient in implementation of frameworks like **Struts, Spring: Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, Spring Security, Spring Boot, Spring Data, Spring Batch, JSF, AJAX** frameworks: **Rich Faces, My Faces**) and **ORM** frameworks like **Hibernate, IBATIS.**
* Expertise **XML** technologies like **DTD, XSD, XSLT** and various parsers like **DOM, SAX and JAXB.**
* Extensive experience working with RDBMS such as **MySQL**, **MS SQL Server, Teradata, DB2, Oracle.**
* Experience in working with the **NoSQL** Database like **MongoDB** to manage extremely large data sets.
* Managed **Salesforce** clients & users, gathering the necessary account requirements to successfully strategize and plan each project, and implement those plans to their organizational needs.
* Expertise at **JDBC API** for connection and access to databases.
* Expertise in Creating **Hibernate configuration** file, **Hibernate Mapping** files and defined persistence classes to persist the data into **Oracle Database**.
* Proficient in developing **Web Services**, related technologies & frame works**: WSDL, SOAP, REST, JAX-WS, JAXB, JAX-RPC, AXIS and Jersey, SOAP UI** and generating client’s client using Eclipse for Web Services consumption.
* Knowledge on **Java8** features like **lambda expressions** and **Java Stream API.**
* Experience with and solid understanding of **Microservice.**
* Experience on Google Cloud Platform, **Presto, Druid, Superset, Docker, Kubernetes**
* Experience using open source big data components such as Hadoop, Hive, Presto, and Confluent **Kafka**.
* 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.
* Worked on deployment, installation, configuration and issues with Application servers like **Apache Tomcat, IBM Web Sphere, BEA WebLogic and JBoss Enterprise Application Server.**
* Experience in implementing Design Patterns like **Singleton, Factory, MVC, Data Access Object** and **Business Delegate.**
* Experienced in developing UML diagrams with **Star UML, Rational Rose, and Microsoft Visio.**
* Experience on different IDEs such as **RAD, Eclipse, Spring Tool Suite**, and **IntelliJ, WebStorm.**
* Actively involved in the **DevOps** streamlining process through **JenkinsCI** and **CD** Release Automation.
* Subversion **SVN, CVS, GIT** and Visual Source Safe as versioning software tools.
* Experienced in transferring data from different data sources into **HDFS** systems using **Kafka** producers, consumers and **Kafka** brokers.
* Configured auto-scaling groups for applications like Elasticsearch and **Kafka** to scale automatically when needed.
* Hands on experience in building tools like **ANT, Maven, Gradle**.
* Experience with **SAST** and **DAST** tools.
* Extensively used **Apache Camel** for transformation and used both Java DSL and XML DSL.
* Extensively worked on **Pivotal Tracker** and **JIRA** tools for tracking stories in a Project in a different methodology of **Software Development Life Cycle**.
* Used **Apache POI** to convert XML files to Excel files and to read Excel files.
* **Configured and created** application **log files using Log4J** to trace required application messages.
* Having Experience on **UNIX, Linux** commands and Deployment of Applications in Server and ability to work effectively on **Windows** platforms.
* Possess good analytical and communication skills, ability to work independently with minimal supervision and also a very good team player.
* Ability to work effectively in cross-functional team environments and experience of providing training to business user.

 **Technical Skills**

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| **Languages** | C, C++, Java, J2EE, Groovy, Python, SQL and PL/SQL |
| **Mark-up/XML Technologies** | HTML5, CSS3, Bootstrap, JavaScript, JQuery, AJAX, Express JS,Angular JS, Node JS, XML, XSD, XSL/XSLT, SAX/DOM, DOJO and JSON |
| **Tools&****Framework** | Struts, Spring, Hibernate, Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, Spring Security, Spring Boot, JUnit, Apache CXF, SOAPUI, GWT, Jersey |
| **Build Automation** | ANT, MAVEN, Jenkins, Gradle, Bamboo, Ansible, Chef. |
| **Web services** | SOAP, RESTful, UDDI, WSDL, JAX-RPC, JAX-RS, JAX-WS, JAX-B,Micro services, Apache Axis and Apache CFX. |
| **Cloud****Technologies** | Amazon Web Services (EC2, SQS, RDS, IAM, S3), Pivotal CloudFoundry and Spring Cloud |
| **Web/App Servers** | Web Sphere, Apache, Apache Tomcat, JBOSS EAP, Web Logic Serverand Apache Camel |
| **Databases** | Oracle, SQL-Server 2005, MySQL server, MS SQL, IBM DB2, NoSQLDB like MongoDB and Cassandra. |
| **IDE tools** | Eclipse, RAD, Spring Tool Suite (STS) and IntelliJ, Adobe Dreamweaver |
| **Testing Tools/****Others** | Selenium, TestNG, JUnit, TOAD, Soap UI, Putty, Rational Clear Quest,RTC, Load UI and Mockito |
| **Version Control** | Tortoise SVN, CVS, Rational Clear case, Source Tree and Git |
| **OS & Environment** | Windows, Win 2k Server, Sun Solaris, UNIX |
| **Design Patterns** | Singleton, Factory, Prototype, Business Delegate, Session Facade, Service locator, Visitor, Observer, Decorator, Front Controller and DAOPattern |

 **Professional Experience**

**Client: Direct Energy , Houston, TX January 2019 – Till date Role: Full Stack Java Developer**

**Responsibilities:**

* Design, develop and test HTML5, CSS3, Bootstrap, JavaScript, jQuery and React.JS that meets accessibility and web browser standards for website.
* Designed **CSS templates** for use in all pages on the website working with **CSS Background, positioning, text, border, margin, padding,** and **table.**
* Applied optimization techniques to reduce **page size** and **load times** to enhance user experience using **sprites**.
* Developed user interface by using the **React JS, Flux** for **SPA** development.
* Implemented **react JS** code to handle cross browser compatibility issues in Mozella, IE 7, 8, 9, Safari and FF.
* Used React-Router to turn application into **Single Page Application**
* Worked in using React JS components, Forms, Events, Keys, Router, Animations and Flux concept.
* Used Web services (**SOAP** and **RESTful**) for transmission of large blocks of XML/JSON.
* Worked on responsive design and developed a single **ISOMORPHIC** responsive website that could be served to **desktop**, **Tablets** and **mobile** users using **React.js**.
* Maintained states in the stores and dispatched the actions using **redux**.
* Implemented the **Drag** and **Drop functionality** using **React-Draggable.**
* Used **React-Autocomplete** for creating google maps location search on the webpage Added **Excel-Builder** to download the **Tabular data** in Excel format using **react**.
* Used **Excel Builder 3rd Party** open source library and tweak it to make sure it will work with **IE11.**
* Used **flickity.js** for **creating carousel-images**.
* Component for UX-Library consisted of **Button, Checkbox, Input, Icons, Toggle Button, Dropdown, Multi-Level Dropdown** and **many more.**
* In Phase Two, worked closely with the **Back-End team** to display data using the **Custom Components, library Components**, and **Redux**.
* Responsible for the build out, day-to-day managing and supporting Cassandra clusters.
* Involved in the process of **data modeling** Cassandra Schema
* Used **Middleware, Redux-Promise** in application to retrieve data from **Back-End** and to also perform **RESTFUL services**.
* Added Dynamic Functionality by creating and dispatching **Action Creators** that deployed Actions.
* Created and used **Reducers** that received said Actions to modify the **Store State Tree**.
* Optimized **animation logic** with optimistic functions to increase performance in rendering.
* Worked with backend engineers to optimize existing **API calls** to create efficiencies by deprecating unneeded **API calls**.
* Called the **Restful** web services calls for **POST, PUT, DELETE** and **GET** methods.
* Have worked on **AWS for fetch the pictures files from AWS to UI.**
* Used **React flux** to polish the data and for single directional flow.
* Used **Object Oriented Programming** concepts to develop **UI** components that could be reused across the **Web Application.**
* Extensively used **Git** for version controlling and regularly pushed the code to **GitHub.**
* Used **JIRA** as the bug tracking system to track and maintain the history of **bugs/issues** on everyday basis.
* Worked with **JASMINE** unit test framework to write unit tests for JavaScript code.
* Extensively used debugging tools such as **Firebug** and **IE Dev tools** to investigate the issues and fix the bugs.
* Monitoring the offshore work and providing **technical** help to the offshore team for their **JIRA** tickets.
* Interacted with **Testing Team**, **Scrum Masters** and **Business Analysts** for fixing of Issues.
* Performed the **System Testing**, **Regression Testing** for Complete UI after fixing the Issues which are reported by Testing Team.

**Environment:** HTML 5, CSS3, Sass, Less, JavaScript, Bootstrap, Cassandra, Ajax, React JS, Redux, Flex, My SQL, XML, XSL, XSLT, JSON, Git hub, Restful API, AWS, JIRA, Jasmine and Web Strom.

 **Client: Premier Inc, Pittsburgh, PA January 2018 – December 2019 Role: Full stack Java Developer**

**Responsibilities:**

* + Involved in **SDLC** requirements gathering, analysis, design, development and testing of application, developed using **AGILE**/**Scrum** methodology.
	+ Used Java 1.8 features like stream, Lambda expressions, functional interface, collections, Date/Time changes and type annotations.
	+ Utilized **Java 1.8** features like Lambda expressions for collection evaluation and comparing the data, Stream **API** for Bulk data operations on Collections which would increase the performance of the Application, Parallel operations on collections for effective sorting mechanisms and to change the sequential stream flow of threads while session establishment.
	+ Using **HTML5**, **CSS3**, **JavaScript**, **JQuery** and **Angular** **JS** created **GUI** interface of the web page.
	+ Created custom directives and components which extend the elements and modules of Core **Angular** **JS**.
	+ Created Angular JS controllers, services and used Angular filters for filter functionality in search box and integrator functionalities.
	+ Implemented **AJAX** functionality for the website, wrote **JavaScript** and **JQuery** programming.
	+ Experience in designing **data models** in Cassandra and working with **Cassandra Query Language**.
	+ Experience in developing scalable solutions using **NoSQL databases CASSANDRA, MongoDB**.
	+ Implemented **RESTful** Web services in Service Oriented Architecture (**SOA**) to retrieve data from client side and made **REST** **API** calls from **Angular** **JS** and parsed the data to client and handled the security and Authorization using Spring Security and **OAuth2authentication** protocol respectively.
	+ Connected to Data sources and performed operations using Spring Data Framework features like Spring **JDBC** and Spring **ORM**.
	+ Integrated Spring **DAO** for data access using **Hibernate** to fetch data from database and avoid redundant database access statements
	+ Involved in Batch Module and Developed Batch's using SpringBatch.
	+ Created customized AMIs based on already existing **AWS** **EC2** instances by using create image functionality, hence using this snapshot for disaster recovery.
	+ Troubleshoot **AWS** **EC2** Status check including System Status checks and Instance Status check alerts.
	+ Design and Develop Micro Services for various Activation and management activities in One Network flow.
	+ Implemented Micro Service Architecture, with Spring Boot-based services interacting through a combination of **REST**, **SOAP**.
	+ Developed **Spring** **4.0** **MVC** based Rest web services to interact with **UI**.
	+ Developed the presentation layer using **Spring 4.0 MVC**.
	+ Used SpringCore annotations for Dependency injection and **Spring 4.0 MVC** for **REST API** s and Spring Boot for Micro Services.
	+ Created **S3** buckets for **EC2** instances to store all the content including **HTML** pages, images, **CSS** files and Java script files.
	+ Managing multiple **AWS** instances, assigning the security groups, ElasticLoad Balancer and AMIs.
	+ Auto scaling the instances to design cost effective, fault tolerant and highly reliable systems.
	+ Developed **REST** web services authentication using Spring Security.
	+ To lookup queues, used **Spring** **JMS** module and MDBs for listeners.
	+ Extensively used **HQL** and **SQL** for querying databases.
	+ Used JMS using **RabbitMQ** to report failure of connectivity between Quad instance and other components in Cluster.
	+ Created Stored Procedures, functions, views, indexes and constraints, triggers required
	+ SQL tuning to reduce the response time in the application.
	+ Develop, run and scheduled queries using **SQL** and **T-SQL** scripts.
	+ Built **NoSQL** schemas and maintaining sessions by **MongoDB**.
	+ Developed and executing unit test cases using **JUnit**.
	+ Packaged and deployed the application in **IBM** **WebSphere**.
	+ Used **Maven** building tool for creating EAR file deployed in application servers and used for dependency management of code in application.
	+ For application logging and notification, tracing mechanisms used **Log4J**.
	+ To keep track of issues and tasks on individuals used **JIRA** ticketing system.
	+ As a version, control tool used **GIT**.

 **Environment:** Java 1.8, HTML5, CSS3, Bootstrap, JavaScript, AJAX, Angular JS, Node JS, JSP, Spring MVC, Spring Boot, Spring Security, Spring Data, Hibernate, JDBC, Restful, OAuth2, Cassandra, JAX-RS, Jersey, XML, AWS,SQL, Oracle, MongoDB, RAD, WebSphere, Micro Services, Spark, Tortoise SVN, GIT, JUnit, Maven, JIRA, Agile/Scrum Methodology.

 **Client: IBM, Research Triangle, NC October 2016 – December 2017 Role: Full stack Java Developer**

**Responsibilities:**

* + Involved in the complete SDLC (software development life cycle) of the application from requirement analysis to testing.
	+ Followed **Agile** Methodology in analyze, define, and document the application, which will support functional and business requirements. Coordinate these efforts with Functional Architects.
	+ Used **Java8** features in developing the code like **Lambda** **expressions**, creating resource classes, fetching documents from database.
	+ Developed the **UI** using **HTML5**, **CSS3** and JavaScript for interactive cross browser functionality and complex user interface.
	+ Created single page application with loading multiple views using route services and adding more user experiences to make it more dynamic by using Angular, Node and Express as middleware.
	+ Configured and deployed Amazon Web Services (**AWS**) for a multitude of applications utilizing the Amazon cloud formation.
	+ Developed application using Spring Boot, the business layer is built using spring and the persistent layer uses **Hibernate**.
	+ Implemented spring cloud on top of Spring Boot where we incorporated Netflix Eureka registry for service discovery.
	+ Implemented Micro Services using **REST** for consuming and producing data in JSON format which will be populated in **UI** using Spring Data **JPA** in data access object layer.
	+ Experienced in setting up Amazon EC2 instances, virtual private cloud (**VPCs**), and security groups. Setting up databases in **AWS** using **RDS**, storage using **S3** bucket and configuring instance backups to S3 bucket.
	+ Designed and configuring secure Virtual Private Cloud (**VPC**) through private and public networks in **AWS** and create various subnets, routing table, internet gateways for servers.
	+ Container management using Docker by writing Docker files and set up the automated build on **Docker** **HUB** and installed and configured Kubernetes.
	+ Designed and developed the End Points (Controllers), Business Layer, **DAO** Layer using Hibernate/JDBC template, using Spring **IOC** (Dependency Injection).
	+ Worked with **ORM** frameworks like **Hibernate**, **JPA** (Java Persistence **API**) and APIs such as **JDO** (Java Data Objects).
	+ Used Spring Data Framework to use the features of Spring **JDBC** and Spring **ORM** classes like **JDBC**
	+ Template to perform the database operations by connecting to Data sources available.
	+ Used Spring Framework **AOP** Module to implement logging in the application to know the application status.
	+ Worked to secure our **RESTful** web services using **OAuth** 2.0 with spring security to authenticate any third-party requests coming in.
	+ Used Apache **Kafka** (Message Queues) for reliable and asynchronous exchange of important information between multiple business applications.
	+ Used **MongoDB** as data storage and utilized aspects like replica sets, sharing and clever document design to make service extensible scale and feature wise.
	+ Worked with Web Sphere application server that handles various requests from Client.
	+ Setup the continuous Integration (**CI**) process for the application using the Jenkins. Worked on **Log4J** to validate functionalities and **JUnit** for unit testing.
	+ Used **JIRA** to assign, track, report and audit the issues in the application.
	+ Automated build process through **Maven** build framework.
	+ Used **Git** to maintain the version of the files and took the responsibility to do the code merges and creating new branch when new feature implementation starts.

 **Environment:** Agile, Java1.8, HTML5, CSS3, JavaScript, Ajax, Angular, Micro services, Spring boot, Spring Cloud, Netflix OSS Stack- (Eureka), AWS (Amazon web services) including EC2, S3, Elastic Beanstalk EBS, Elastic Load Balancing ELB, AWS API-Gateway, Spring MVC, Spring JDBC, Spring ORM, Docker, OAuth 2.0, RESTful, Web Sphere, Maven, Git.

 **Client: Edutech Information, Hyderabad, India November 2014 – June 2016 Role: Java Developer**

**Responsibilities:**

* + Designed and developed the **UI** using **HTML**, **JavaScript**, **JSP** and **CSS**.
	+ Used Java **Jdk1**.5and implemented Struts **MVC** design pattern.
	+ Worked on **AJAX** controls for fetching the data from the server dynamically.
	+ Used **JDBC** to interact with the underlying **MySQL** Database.
	+ Extensively worked on **SQL** for writing complex queries in the business logic layer.
	+ Deployed Applications on Apache **Tomcat** Server and used **CVS** as the version control manager.
	+ Used **Log4j** for logging runtime exceptions and creating log files.

 **Environment:** Java, JDBC, Jdk1.5, Struts, AJAX, HTML, XML, Log4J, CVS, Putty, MySQL, Apache Tomcat, Eclipse IDE, Waterfall methodology.

 **Client: Quanticate, Hyderabad, India September 2013 – October 2014 Role: Java Developer**

**Responsibilities:**

* + - Involved in requirements gathering and analysis of the project.
		- Implemented the application using Struts framework that uses **MVC** design pattern.
		- Involved in the development of presentation layer by using **JSP, HTML**, and **CSS**. Client Side validations done by **Javascript**.
		- Worked on project deployment descriptor files such as web.xml and context definition files for Servlet mappings, Java bean class definitions, transactions and database connection configuration.
		- Developed Custom Tag libraries to customize front end & to enforce security in the front-end at various levels like page, panel, links/button & visible/editable fields.
		- Responsible in creating Servlets, which route submittals to appropriate **Enterprise Java Bean** (EJB) components and render, retrieved information.
		- Used various **J2EE design** patterns like **Singleton, Command Pattern** for the implementation of the application.
		- Improved overall performance via **Multithreading**, **Collections, Synchronization,** and **Exception handling** strategies.
		- Designed, coded and configured server side **J2EE components** like **JSP, Servlets, JavaBeans, JDBC, JNDI, JTS, Java Mail API, XML.**
		- Implemented **jQuery** validation plug-in, modified jQuery validation plug-in to support custom validation, jQuery modal box, jQuery date picker, jQuery tooltip.
		- Used **jQuery** event handling in UI pages to display list boxes and to handle validations.
		- Extensively used **JDBC** Statement, Prepared Statement, Callable Statement and Result Set interfaces while providing database interaction with the RDBMS backend.
		- Involved in database design and developed **SQL Queries** on **MySQL.**
		- Configured the product for different **application servers.**
		- Implemented the logging mechanism using utils logging framework.
		- Integrated various modules and deployed on **WebSphere**.
		- Used DAO and **JDBC** for database access.
		- Used **IBM** Rational Application Developer for development, debugging, coding and deployment of the applications
		- Implemented design patterns like **MVC**, **Singleton**, and **DAO** while implementing the java classes.
		- Handled all aspects of the Web application including Maintaining, Testing, Debugging and Deploying.
		- Involved in Unit Testing, Logging and Debugging using JUnit.

 **Environment:** Java, JSP, Java Servlets, WebSphere Server, MVC, MySQL, Rest Client, EJB, JDBC, Junit, IBM RAD, XML, JavaScript, PL/SQL, XML, HTML, CSS, JSTL , JQuery ,Angular JS,SPA,JMS, Eclipse, Rest API’s, JIRA , JDBC,JSTL , SOAP, WSDL , Java Message Service, Message Driven Beans , Junit.

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| **EDUCATION** |

Bachelor of Technology in Electronics and Communication Engineering from India.