**Vikram Reddy Merugu**

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**PROFESSIONAL SUMMARY:**

* Over 7+ years of experience in design, development, maintenance and support of Java/J2EE applications.
* Extensive Experience in design and development of multi-tier applications using **Java, J2EE, Spring, Struts, and Hibernate, JavaScript, JSF frameworks**.
* Strong Experience on **AWS** platform and its dimensions of scalability including VPC, EC2, ELB, S3.
* Worked on **Amazon Web Services (AWS)** infrastructure with automation and configuration management tools such as Chef and Puppet.
* Hands-on experience with **JavaScript, JSF, Oracle, DB2 SQL, Hibernate** frameworks
* Expertise in full Software Development Life Cycle (SDLC) including **Software Architecture, Object Oriented programming, Designing & Prototyping**.
* Hands on experience with the **AWS** **CLI** and **SDKs**/**API** tools.
* Expert in JS, JavaScript frameworks like **Angular JS, React JS**, server side **JavaScript** that is **NodeJS.**
* Experienced in developing applications using **Apache Tomcat, Web Logic, and JBoss**.
* Resuming from Broken Connection using **SFTP and FTP protocals.**
* Experienced in developing UML diagrams like use cases, class diagrams and sequence diagrams using **Rational Rose.**
* Extensive experience in web application design using open source **MVC, Struts, Spring Frameworks, Java, J2EE design patterns**.
* Thorough knowledge in core Java concepts like **OOP, JDBC, Multi-Threading, Java Concurrency utilities** etc., and advanced Java concepts like **JSP, Servlets, Hibernate, Struts, Spring, Spring Annotations and WebServices**.
* Experience coding responsive websites using **HTML5, CSS3, and JavaScript / jQuery**, including the use of frameworks such as **Bootstrap and Flexbox**, as well as **CSS pre-processer SASS**.
* Developed UI and Single Page Applications using **Mongo DB, Express**, **Angular JS** and **Node.js**.
* Strong understanding of **Spring framework** features and expertise in **Hibernate** **ORM tool**.
* IT Strategy Risk Management **Cloud Computing / PaaS / SaaS / IaaS** Infrastructure Architecture Disaster Recovery
* Storedprocedures, functions, triggers etc. using **SQL** and **PL/SQL**.
* Developed different Web components such as **JSPs, Servlets**, Custom Tag Handlers and business components such as **Web Services**.
* Experience is developing data visualization graphs using **D3.js** and **Angular Fusion Charts.**
* Expertise in web services technologies such as **SOAP, Restful**.
* Worked on debugging using Logging Frameworks such as **Apache Log4j**.
* Expertise in build automation tools like **Maven, ANT**.
* Experienced in web development using **HTML, HTML5,CSS3, JavaScript and AJAX technologies**.
* Design, code, and maintain highly scalable and reliable enterprise applications using current Web technologies such as **JavaScript, JQuery, Java, Spring, Jenkins, Bootstrap** and **AJAX**.
* IT Strategy Risk Management Cloud Computing / **PaaS / SaaS  / IaaS** Infrastructure Architecture Disaster Recovery BYOD Cyber Security Security Wrappers Program / Project Management Budgeting / Expense Control / Cost Reduction Negotiations
* Good knowledge on **IOC**, Dependency Injection concepts, hands on experience working with **Spring IOC, Spring Web, Spring AOP, Spring Sockets, Spring Security, Spring MVC, Spring JDBC, Spring-Hibernate, Spring Struts and Spring-JSF Modules, REST Services**.
* Good Experience in developing User interfaces using **JSP, HTML, DHTML, CSS, Java Script, AJAX, JQuery and Angular JS, Backbone.JS**
* Hands-on knowledge on dependency Injection concepts with **Spring Web Sockets**.
* Experience using **JavaScript, jQuery, Java, CSS, AJAX, HTML5, JBoss/Websphere Application Server**.
* Strong Experience in **JSP, Servlets, Struts, Spring, Hibernate, JDBC, JMS, XML, XQuery, EJB3.0, Axis2, Java Swing.**
* Expertise in developing web based GUIs using **Java Applets, Java Servlets, JSP, HTML, DHTML XML, XSL JavaScript, and Java Swing.**
* Deep Dive into **Spring Web Sockets, Spring Security** using **Spring MVC, JSF, Hibernate frameworks.**
* Experienced with **Java Multithreaded programming** to develop **multithreaded** modules and applications.
* Proficient in **Java Multi Threading, Socket programming, Swing programming.**
* Experience with **JavaEE, including JSPs, Servlets, Web Services (SOAP and REST), and Tomcat**.
* Development experience on **SQL databases** (**Oracle** or **Teradata**).
* Used **Spring Security** **framework** to focuse on providing both **authentication** and **authorization** to Java.
* Extensive experience in code re-factoring, developing standards and mentoring the team.

**TECHNICAL SKILLS:**

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

**Java/JEE Technologies : JSP, Servlets, Java Swing, PaaS, IaaS, EJB, JDBC, JMS.**

**Enterprise Frameworks : Spring, Struts, JSF, Hibernate, Spring Security, AngularJS,**

**Angular-Bootstrap3.0, D3.js**

**Web/Application Server : Tomcat, WebLogic, WebSphere.**

**Web Technologies : HTML, DHTML, XML, XSLT, JavaScript, CSS, GWT.**

**Databases : Oracle, DB2, Sybase, SQL Server, Teradata, AWS.**

**IDEs : Eclipse, RAD, WASD, Net Beans.**

**Other Tools &packages : CVS, SVN, Jenkins, JUnit, Maven, ANT, Github, Jasmine**

**Modeling Tools : IBM Rational Rose, Visual Paradigm.**

**SDLC Methodology : Agile, RUP, Waterfall model.**

**XML/Web Services : SOAP, WSDL, JAX-WS, JAX-RS, Jersey, Apache CXF, JSON, XML, XSTL, RESTful web services, FTP.**

**User Interface : HTML, DHTML, CSS, Java Script, AJAX, JQuery,** **Angular JS 1.0/2.0.**

**Professional Experience:**

**Client: Monsanto, St. Louis, MO                                                  Sep 2016 – Mar 2018**

**Sr. Front End/UI Developer**

**Responsibilities:**

* Designed dynamic Multi-Browser compatible web pages using HTML5, CSS3, JavaScript, Bootstrap, React.js, Redux and Flux.
* Developed all the UI pages using HTML5, DOM, CSS3, JSON, JavaScript, AJAX, Bootstrap, React JS and Node JS.
* Developed the front-end components using Angular JS framework to leverage the MVC architecture.
* Making changes to the existing web applications and creative new components using React JS.
* Implemented client side Interface using React JS.
* Responsible for React UI and architecture. Built components library, including Tree, Slide-View, Table Grid.
* Utilized SCSS and Backbone JS to develop a client dashboard and website editor
* Maintained company UI Kit (fonts, icons, global CSS, SCSS variables/mixins, etc.)
* Used AJAX and Angular services to update the user information region.
* Involved in developing the UI, layout and front-end programming for web application that matches requirements of the client.
* Design roles and groups for users and resources using AWS Identity Access Management (IAM).
* Used to write a small chat application using Spring Web Sockets with the Spring framework.
* Converted the mock-ups into hand-written HTML, CSS (2.1/3), XHTML, JavaScript.
* Used various screens for the front end using React.js and used various predefined components from NPM (Node Package Manager) and redux library.
* Used Jenkins for Unit Testing.
* Created Selenium automated tests for use in smoke, integration, and regression testing.
* Involved in creation of GUI.
* Developed UI Layer for the application using HTML5, CSS3.
* Worked to build a layered Knockout.js binding system to support partial views. This allowed the partial views to contain the JavaScript functionality that was associated with them, making them both reusable and much more maintainable compared to a pure JQuery system
* Developed API for using AWS Lambda to manage the servers and run the code in the AWS.
* Proficient in developing SOAP and RESTful Web Services.
* Responsible for consumption of RESTful web services using Jersey and Jackson API’s.
* Implemented Service Oriented Architecture (SOA) using JMS for sending and receiving messages while creating web services.
* Achieved form-function and validation using Redux-Form.
* Used the Node.js with Flux Frameworks in the development of the web applications.
* Implemented a Node.js server to manage authentication.
* Consumed **Spring MVC** based **RESTful** web services and processed **JSON** using **Angular services** calls.
* Created proof-of-concept using responsive web design, Node.js, React.JS, HTML5 and CSS3.
* Re-Branding and Re-Design of the web applications using HTML5, LESS, CSS3, JavaScript.
* Involved in Agile process, weekly Sprints, weekly workshops, demo’s, reviews, retro’s and daily Scrums to discuss the development of the application.
* Extended CSS as needed to accommodate new data and display types.

**Environment: React.JS, Node.Js, Coffee Script, JavaScript, ES6, Typescript, Dynamo DB, PostgreSQL, AWS, Jenkins, Knockout Js, React JS, IntelliJ IDEA, pgAdmin4, GitKraken, Atom, Source Tree, Neo4j, GitHub, JIRA, Swagger, HTML5, CSS, LESS, SASS, SOA, Redux, Mocha, NPM, Web pack, jade, Apache Tomcat, bootstrap, Rest, Flux Framework, Angular JS 1.5.**

**Client: Kaiser Permanente, Pleasanton, CA Nov 2015 – Jun 2016**

**Web/UI Developer**

**Responsibilities:**

* Involved in the full life cycle of the software design process including, requirements definition,
* prototyping, and proof of concept, design, interface implementation, unit testing and maintenance.
* Developed all the UI pages using **HTML5, DHTML, XSL/XSLT, XHTML, DOM, CSS3, JSON,**
* **JavaScript, JQuery, Ajax.**
* Utilized the **HTML5 DOM** local storage features to store data locally client side processing.
* Wrote custom **JQuery** plugins and developed JavaScript functions to build a bleeding-edge, **AJAX**-driven user interface.
* Maintained and extended custom **CSS/SCSS** framework.
* Using **React, Redux, React Router, Thunk, React+Foundation, and Sass** to build web applications.
* Developed and implemented robust client-side solutions using AngularJS1.4.
* Developed certain features of the application functionality i.e. CRUD (Create, read, update, delete)
* features using Responsive Design.
* Designed and Developed **JavaScript** frame work which is wrapper on top of **JQUERY** frame work and
* **AJAX** based UI frame work for UI Configuration widgets.
* Created modular web components using **Scss, Javascript and Foundation.**
* Created Images, Logos and Icons that are used across the web pages using Adobe Flash and **Photoshop**.
* Involved in developing **XML, HTML,** and **JavaScript** for client side presentation and, data validation on the client side with in the forms.
* Developed a web-based reporting for credit monitoring system with **HTML, XHTML, JSTL,** Custom tags using **Struts**.
* Developed multiple web-based chat demos using **React, Redux, ES6/Babel, Webpack, and Mocha.**
* Involved in redesigning the entire site with **CSS** styles for consistent look and feel across all browsers and all pages.
* Dynamic UI using **Knockout JS** and Developed web services, **SOAP** message envelopes and headers using **WSDL, UDDI, XML** and **JAXP**.
* Used **Git** Subversion to implement version control System.
* Experienced implementing SOA Suite technology adapters (DB, JMS, File, BAM, B2B) to integrate with external systems.
* Followed Agile methodology for developing the application.
* Worked with the team of architects and back-end Developers to gather requirements and enhance the
* application functionality and add new features.
* Used AngularUI Bootstrap directive to design the progress bar and checklist
* Participated in the status meetings and status updating to the management team.

**Environment:** **Java/J2EE, HTML, CSS, Bootstrap, Angular.js, Jenkins, JUnit, Eclipse, SVN, Javascript, maven, Spring, React, Redux, Hibernate, SOAP-UI, Restful, SOA, XML, Json, AWS.**

**Client: T-Mobile, Bothell, WA Mar 2014 – Nov 2015**

**UI Developer**

**Responsibilities:**

* Involved in designing and developing the Web pages using **HTML (4/5), CSS (2.1/3)**.
* Involved in developing the UI, layout and front-end programming for web application that matches requirements of the client.
* Used **File Transfer Protocol (FTP)** to transfer computer files from one host to another host over a **TCP**-based network.
* Configured **AWS** **IAM** and Security Group in Public and Private Subnets in **VPC**.
* Tuned **Teradata** stored procedures to meet standard.
* Parallely used **File Transfer Protocol (FTP)** to communicate path between the **USER-PI and SERVER-PI** for exchange of commands and replies.
* Used to write a small chat application using **Spring Web Sockets** with the **Spring framework.**
* Converted the mock-ups into hand-written **HTML, CSS (2.1/3), XHTML, JavaScript, jQuery**.
* Used **Jenkins** for Unit Testing.
* Involved in creation of **GUI** using **Java Swing**.
* Developing the web pages using responsive design.
* Developed business applications using web technologies like **HTML5, XHTML, CSS** based on **W3C Standards**.
* Developed various helper classes needed following **Core Java multi-threaded programming and Collection classes**.
* Used **multithreading** in programming to improve overall performance.
* Deployed the applications on **Web logic, Apache Tomcat, JBoss and proxy webserver.**
* Used **Spring Security** to Domain Object Security support for application.
* Made use of the **Spring MVC framework**, along with **Hibernate** for **object-relational mapping**.
* Worked on a code generation framework that generated **Java Swing** code from **XML.**
* Used Data Power for user Authentication and Authorization.
* Working within **SOA** based enterprise framework to build web services for Middle Tier processing.
* Analyzed current legacy infrastructure, established business case, and built consensus for virtualized **IaaS / PaaS** near term strategy with SaaS mobile cloud services end state.
* Demonstrated ability to learn and apply new technologies quickly
* Design and development of nightly reconciliation/settlement process
* Fix defects identified during SIT **and UAT.**
* Actively involved in mock screens development and project start-up phase.
* Developed UI Layer for the application using **AngularJS, HTML5, CSS3, Bootstrap**.
* Involved in building a single page and cross browser compatible web application using **AngularJS** (Angular routing) and bootstrap.
* **Route53, EBS, SQL, ELB, Cloud watch, Cloud Formation, Docker, AWS CLI, AWS Auto Scaling, Unix/Linux.**
* Worked with advanced MVC framework such as **Spring Boot, JSF, Hibernate & JavaScript** which is used for implementing backend functionality.
* Proficient in developing **SOAP and RESTful Web Services.**
* Responsible for consumption of **RESTful web services** using Jersey and Jackson API’s.
* Worked with **GIT** which is used as a version control tool in the project
* Efficiently managed in the fast paced agile environment.

**Environment: Java, J2EE, Servlets, Spring, Hibernate, Eclipse, Spring Sockets, AngularJS, CSS3, HTML5, Web logic Server, Spring MVC, Apache CXF, Apache Tomcat, Jersey, Jackson, Oracle 11g, SQL Developer, PaaS, GIT, JIRA**, **IBM Rational Application Developer 8, Java Swing, FTP, SFTP, Jenkins, Teradata, AWS.**

Client: **Target Corporation, Minneapolis, MN**  Jan 2013 – Feb 2014

**UI Developer**

**Responsibilities:**

* Developed client side validations using **jQuery and JavaScript** and developed composite components using **JSF** facets.
* Uses **Rational Rose** for model driven development and **UML** modelling.
* Extensively used **JSTL** tags and **Struts tag libraries**. Used **Struts tiles** as well in the presentation tier.
* A reverence for clean, simple, elegant coding solutions with proven ability to release deliverables and applications on-time.
* Used **Java Message Service (JMS)** for reliable and asynchronous exchange of important information such as loan status report.
* Involved in the JMS Connection Pool and the implementation of publish and subscribe using **Spring JMS**. Used JMS Template to consume messages from the **JMS** provider.
* Used **Hibernate**, object/relational-mapping (ORM) solution, technique of mapping data representation from **MVC** model to Oracle Relational data model with SQL-based schema.
* Deployed the application on **Web Sphere Application Server**.
* Used **JUnit** framework for unit testing of application and **Log4j** to capture the log that includes runtime exceptions.
* Participated in coding **Spring AOP** components for the Transactional Model to handle many requests. Involved in writing **JSP** and **Servlet** components.
* Developed JSP pages and client side validation by java script tags.
* Developed **Web services** for sending and getting data from different applications using **SOAP** messages, such as Loan Applications, to transfer data from Branch Server to Head Office Server, then used **SAX** and **DOM XML parsers** for data retrieval.

**Environment: Java 6.0, J2EE Servlet, JSF 2, XML, XSLT, JSON, Tiles, AngularJS, HTML, CSS, JQuery, Spring 3.0, Spring Sockets, Log4j, Git, Maven, CXF, Eclipse, Apache Tomcat 6, and Oracle.**

**Client: Param Solutions, Bangalore, India Jun 2010 - Dec 2012**

**Web Developer**

**Responsibilities:**

* Built the admin module using Struts framework for the master configuration.
* Developed server-side common utilities for the application and the front-end dynamic web pages using **JSP, JavaScript** and **HTML/DHTML**, Developed **EJB** components encapsulating business logic.
* Used **Struts-config.xml** file for defining Mapping Definitions and Action Forward Definitions.
* **Spring Security** for programbased applications.
* Creating XML based configuration, property files for application and developing parsers using **JAXP, SAX, DOM** technologies.
* Design and Development of business objects, data objects, view objects and helper classes.
* Developed **Log4j** logs to record the application events to provide the debugging, monitoring and auditing capabilities to the application.
* **Struts MVC framework** for developing J2EE based web application.
* Extensively worked on presentation layer and simulators developed with **Struts**.

**Environment: Java 6.0, J2EE, Servlet, JSP, Struts EJB, XML, Log4J, Web Services, Windows, ANT, UML**.