**Sumanth Reddy Masireddy**

***Full Stack Java Developer***

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# PROFESSIONAL SUMMARY



* **Around 10 years** of professional experience in software design and development with a strong Java, J2EE background and UI Development.
* Working experience in multiple domains including **Insurance, Health Care and Banking.**
* Experience in developing dynamic web pages using **HTML, CSS, JavaScript, ES6, and Angular JS & React JS**.
* Experienced in React JS and working with **Redux** architecture.
* Experience in using **React JS** components, Forms, Events, Keys, Router, plus Redux, Animations and Flux concept.
* Expertise in using **Angular JS** Directives, Controllers, Filters, Services, Templates, Events and Injectors.
* Diverse experience utilizing **Java** tools in business, **Web**, and **client-server** environments including **Java** **Platform**, **Enterprise Edition** (Java EE), **Enterprise Java Bean** (EJB), **Java Server Pages** (JSP), J**ava Servlets** and **Java database Connectivity** (JDBC) technologies.
* Strong experience in **Spring Framework** modules such as **Spring MVC**, **DI/IOC**, **AOP**, **JDBC**, **IO**, **Spring** **Batch**, **Spring Boot**, and **Spring Micro services**, **Spring REST** and **Spring Security**.
* Strong application development experience with **Kafka** andexperience building stateless and stateful event processors with **Kafka**.
* Familiarity with **Kafka** stream processors and **Kafka** Streams APIs.
* Expertise in Java concepts like **OOP, JDBC, Multi-Threading, JUnit,** and advanced Java concepts like **Lambda expressions, JSP, Servlets, HTML, XML, Hibernate, Microservices, Java Beans and SPRING.**
* Strong working exposure on building and deploy tools - **Apache Ant**, **Maven**, **Gradle** and **Jenkins** build.
* Developed and maintained web applications using **Groovy** and **Grails** framework.
* Having good familiarity in using **JIRA** tool for **bug tracking**, **issue tracking**, and project management and **Jenkins** tools for **continuous integration** in testing.
* Hands-on experience in development of **Microservices** and deploying in **Docker**.
* Well experienced on Java **Web Services** development using **SOAP**, **REST**, and **WSDL**.
* Good experience in working on **Windows**, **UNIX**, **Linux** operating systems.
* Expertise in Microsoft **Azure Cloud Services** (PaaS & IaaS), Application Insights, Document DB, Internet of Things (IoT), **Azure Monitoring**, Key Vault, Visual Studio Online (VSO) and **SQL Azure**.
* Worked on **Continuous Integration CI/Continuous Delivery** (CD) pipeline for **Azure Cloud** Services using **CHEF**.
* Experience on **Azure** data factory with different triggers.
* Good Understanding of **Azure** Internal and External Load Balancers and Networking concepts.
* Hand - on Experience on High Availability Methodologies for **Azure Cloud** and **SQL 2014 AOAG**
* Delivered projects utilizing **Node.js** as deployed on **Lambda** andUsed **Node.js** to express and **Rtestify** to mock a **restful API**.
* Experience in developing **Web based GUI's** using **JSP, HTML 5, DHTML, CSS 3, and JavaScript, Angular 10**.
* Strong knowledge in **Nodejs** environment with **AngularJS** or **ReactJS, CSS** and **HTML**
* Experience in using **React JS components, Forms, Events, Keys, Router, plus Redux, Animations** and **Flux architecture concept.**
* Expertise in using **FIX Protocol API**. Testing admin and application FIX messages like heartbeat, logon, logout, resend request, reject, sequence, pre-trade, trade and post-trade messages.
* Good understanding of Spark Architecture with **Databricks**, Structured Streaming. Setting Up AWS and Microsoft Azure with Databricks, Databricks Workspace for Business Analytics, Manage Clusters in Databricks, Managing the Machine Learning Lifecycle.
* Setting up a **GCP** Firewall rules in order to allow or deny traffic to and from the **VM's** instances based on specified configuration and used **GCP cloud CDN** (content delivery network) to deliver content from **GCP** cache locations drastically improving user experience and latency.
* Experience in designing a **Terraform** and deploying it in cloud deployment manager to spin up resources like cloud virtual networks, Compute Engines in public and private subnets along with AutoScaler in **Google Cloud Platform.**
* Experience working on **RedShift, EMR, Kinesis, S3, EC's, Dynamo DB, Gateway API** toolkit.
* Hands on experience in **AWS Cloud** in various AWS services such as **Redshift cluster, Route 53** domain configuration.
* Strong Experience in Oracledatabase,MySQL,MSSQLServer,Cassandraandbackendprogramming.
* Expert in developing **Java Selenium Web Driver/RC/IDE/GRID test scripts** using **Java, JavaScript, Python and Ruby** and **Test Frame** worksusing **Testing/Junit, ANT/MAVEN/Gradle** build tools.
* Strong working Experience in using source code/version control systems/Tools such as **CVS, SVN, Bitbucket, IT.**
* Implemented and managed large-scale Big Data projects using Hadoop and Spark, processing terabytes of data for analytics and reporting purposes.
* **Worked in container-based** technologieslikeDocker,Kubernetes.
* Developed **API** for using **AWS** **Lambda** to manage the **servers** and run the code in the **AWS**.
* Proficiency in working with databases like **Oracle, NoSQL** and **MySQL**
* Expertise in database modeling and development using **SQL, T-SQL and PL/SQL in Oracle** and SQL Server environments.

**TECHNICAL SKILLS**

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| **Programming Languages** | C, C++, Java, SQL, Python |
| **Java J2EE Technologies** | JSP, Servlets, EJB, JDBC, JPA, JUNIT, JAVA |
| **Messaging Servers** | ActiveMQ, RabbitMQ, Kafka |
| **Frameworks**  | Struts, Hibernate, JSF, Spring |
| **Web Services** | SOAP, RESTFUL, JAX-B, JAX-RS |
| **AWS**  | EC2, ECS, S3, DYNAMO DB, Cloud watch, SNS, SQS, Route 53, AWS Secrets Manager, Cloud formation, IAM |
| **Databases** | MySQL, Oracle, MS SQL Server, DB2, MongoDB, DynamoDB, Cosmos DB |
| **IDE Tools** | Eclipse, NetBeans, IntelliJ, Spring Tool Suite |
| **Operating Systems** | Windows 7/8/10, Linux, Unix, IOS |
| **Testing** | JUnit, TestNG, Jasmine, Selenium, Mockito, Power Mockito, Cucumber, |
| **Build Tools** | Ant, Gradle, Jenkins, Maven |
| **Version Control** | GIT, SVN, Bitbucket, GitHub |

**EDUCATION**

Masters of Science in computer science in University Of Illinois Springfield, USA

Bachelors of technology in computer science in CVR College Of Engineering, India

**PROFESSIONAL EXPERIENCE**

**Fiserv, Texas June 2023 - Present**

**Sr. Java Developer**

**Description:** We performed a thorough study and design for this project, using HTML, jQuery, JavaScript, and UML for the backend structure. We developed REST-based microservices with Spring Boot and Spring Cloud, enhancing them with React.js, Angular, and NodeJS for a dynamic user experience. We also integrated DAO design patterns, JSP, and Servlets. Adopting Agile approaches, we used ORM for database interactions, Spring for dependency injection, and AJAX for interactive interfaces. This allowed us to integrate technologies in a harmonious manner throughout the entire software development lifecycle, showcasing our technical mastery in application development as well as our advanced project management skills.

**Responsibilities:**

* Performing extensive analysis and design working on projects of all sizes that require exposure to all aspects of the project life cycle and creating and maintaining documentation in conformance with established standard.
* Presentation layer design by using **JavaScript**, **HTML** and **jQuery**.
* Designed Use case diagrams, Class diagrams and Sequence diagrams using **UML**. Developed and implemented the DAO design pattern including **JSP, Servlets, Form Beans** and **DAO** classes and another **Java APIs**.
* Implemented the function to send and receive **AMQP** messages on **Rabbit MQ** synchronously and asynchronously.
* Configured Spring Container to implement **IOC/DI** of the Spring Beans, and to manage the beans life circle.
* Used spring Data Framework to use the features of **Spring JDBC** and **Spring ORM** classes like
* **JDBC** Template to perform the database the database operations by connecting Data Sources available.
* Implemented **Spring** **AOP** for declarative transaction management.
* Developed **JSP** and **Servlets** to dynamically generate **HTML** and display the data to the client side. Extensively used **JSP tag libraries**.
* All the functionality is implemented using **mentor, Spring Boot, Micro Services** and **Hibernate ORM.** Used Spring Core Annotations for **Spring DI, Spring MVC for REST APIs and Spring Boot for Micro-services.**
* Designed and developed the **REST** based Micro Services using the **Spring Boot** and **Spring Cloud**.
* Developed and executed software systems utilizing **JavaScript**.
* Experience on developing latest version of Object-Oriented JavaScript Libraries like **React Js**,
* **Angular 8 & 9, NodeJS** and had hands on experience with Web Responsive using **Bootstrap’s templates**.
* Used **Node.JS** to run **Angular 9** on server with mock JSON data and completed the UI development independent of server.
* Used Brackets IDE for UI development and **RAD IDE** for Server, **LINUX** shell scripting to execute batch files
* Used Web sphere to develop server-side application.
* Working with Enterprise solution architects to set direction of design and Development for application development projects.
* Backend functionality and logics, navigations using **Struts 2.0, Hibernate, Rest, XML**. Excellent experience **in SQL/PL SQL** queries, procedures and packages.
* Help desk tickets solving using ticketing tool IBM Rational Clear Quest. Helping BA’s by analyzing the issues.
* Attended everyday Enterprise Workflow Stand-Up meeting to provide status, thus implementing **Agile (Scrum)** Methodology with Test-driven Development.
* Monitor progress and provide updates to the Project Manager. Involved in developing design document and impact assessment documents.
* Using **JUNIT** writing test classes for method level testing.
* Implemented dynamic web interface using **AJAX** and user authentication through **LDAP**.

**Environment:** Spring MVC, Restful API, Tomcat/Web Sphere servers, hibernate, Angular JS, Node JS, JDK1.8, Java 1.8, Collections API, JUnit, Jenkins, JDBC, Micro services, AngularJS, Web Services (RESTful), XML, JSON, SQL Developer, Anthill Pro, Apache Tomcat, Linux, Eclipse IDE, Git, Maven, JIRA

**Phillips 66, Texas Aug 2022 – May 2023**

**Sr Full Stack Java Developer**

**Description:** Involved in Agile's Scrum Cycle model, handling Analysis, Design, Development, Deployment, and Testing. Adopted React JS, transitioning to functional components with Hooks, for frontend development. Employed Amazon S3 for versatile data storage and MongoDB for dynamic schemas. Orchestrated data movement using Kafka connectors and automated AWS deployment pipelines with Code Pipeline. Collaborated for seamless AWS Lambda integration. Assisted in setting up applications with Jenkins and AWS, contributing to builds and deployments on Tomcat servers.

**Responsibilities:**

* Actively involved in **Analysis, Design, Development, Deployment, System Testing** **and User Acceptance** **Testing** of agile methodology in the Scrum Cycle model.
* Worked in using **React JS** components, Forms, Events, Keys, Router, Animations and **Flux** concept.
* Worked on **Amazon S3** to store and retrieve data of various types, including images, videos, documents, and backups.
* Worked closely with business analysts, project managers and project leaders to analyze business requirements.
* Design, develop and test **HTML5, CSS3, Bootstrap, JavaScript, jQuery** and **React JS** that meets accessibility and web browser standards for website.
* Basically, replace all React class component with functional component. For stateful management, replaced with new Hooks like **useState, useEffect, useReducer**, and **useRef**. Integrated with a React-based frontend to provide a seamless experience using **GraphQL**. Worked **with JSON web tokens** for authentication and authorization security configurations using **Node.js.**
* Made the integration of data in several applications in favor **JSON documents** with dynamic schemas using **MongoDB (NoSQL)** database.
* 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.
* Worked with **NPM** commands and using **package.json** for managing dependencies and dependencies of **node Js** applications.
* Created **PL/SQL** scripts to extract the data from the operational database into simple flat text files using **UTL\_FILE** package.
* Used **OAuth** for authenticating user using third party services.
* Worked on backups, restores, troubleshooting **SQL server** connectivity failure issues from middle tier, troubleshooting **SQL database** locking, and blocking issues.
* Deploying the connectors to move the data from/to **Kafka** to other systems. Created **Typescript** reusable components and services to consume **REST API’s** using Component based architecture.
* Used **Kafka State store** for processing state full streams and events, Designed and developed **Microservices** using REST framework and **Spring Boot**.
* Used **Spring MVC** for implementing web tier and developed web-based application service components and configured beans using **Spring IoC**
* Used **Microservices** to communicate using synchronous protocols **HTTP** and **REST** for implementing **SOA** approach build micro services for the delivery of software products across the enterprise.
* Developed the application using **Spring MVC Framework** by implementing controller and backend service classes.
* Used **J2EE** design patterns like Factory, Singleton. Involved in various phases of **Software Development Life Cycle (SDLC)** as requirement gathering, modeling, analysis, architecture design and development.
* Used **Spring JPA Framework** for persistence onto **Oracle Database** and used **Spring Batch** for scheduling and maintenance of batch jobs.
* Used **Junit** for unit testing & **Jenkins** for automated build and deploy process. Developing Advanced **Java 8** features like Lambda for adding functionality processing capability and **Stream API** to facilitate.
* Created applications involving **JSP, JavaScript, jQuery** and **HTML**. Extensively used various collection classes like **Array List, Hash Map, Hash Table**, and **Hash Set.**
* Management and Administration of **AWS Services CLI , EC2 , VPC , S3 , ELB Glacier, Route 53 , Cloudtrail , IAM ,** and **Trusted Advisor services**.
* Worked on **Red Hat Enterprise/CentOS Linux 4/5/6/7, VMware ESXi 3/4/5/6, AWS, Devops Systems Engineer.**
* Created automated pipelines in **AWS CodePipeline** to deploy **Docker containers** in **AWS ECS** using services like **Cloud Formation, Code Build, Code Deploy, S3** and **puppet**.
* Worked on **JIRA** for defect/issues logging & tracking and documented all my work using **CONFLUENCE**.
* Integrated services like **GitHub, AWS CodePipeline, Jenkins** and **AWS Elastic** **Beanstalk** to create a deployment pipeline.
* Installed and configured several thousand **Red Hat Enterprise Linux 5/6/7, CentOS 5/6/7** Servers in both **CISCO UCS** and **HP C-7000 Physical Blades** and **VMware ESXi Virtual Environment.**
* Collaborated with cross-functional teams to successfully integrate **AWS Lambda** **functions** with other AWS services such **as S3, DynamoDB**, and **API Gateway**, resulting in a seamless and efficient data flow across the organization.
* Took part in setting up the application with **Jenkins** and **AWS** and is involved in builds and deployments to **Tomcat** server.

**Environment:** Java 7, STS, Tomcat, Spring, Spring Boot, Hibernate, MongoDB, RESTful Web Service, Oracle, SQL Server,HTML5, CSS3, jQuery, AngularJS, NodeJS, Express, JavaScript, GIT, JMS, Jenkins, Agile, JIRA tool, Selenium, Log4j, Maven, AWS.

**Mesa Laboratories Inc., Lakewood, CO Nov 2020 – July 2022**

**Full Stack Java Developer**

**Description:** Oversaw the creation of dynamic features for applications using jQuery UI, AJAX, and JSON. MVC frameworks, such as Angular JS, were utilized to improve user experiences. RESTful services were developed using Node.js and Spring. Using object-relational mapping with Hibernate. created UI mockups using JavaScript, HTML5, and CSS3 while adhering to W3C guidelines. Integrated MongoDB for adaptable storing of data. CI/CD pipelines were orchestrated with Maven and SVN control. Worked in tandem with QA to optimize user processes and minimize input needs to guarantee a smooth user experience.

**Responsibilities:**

* Involved in write application level code to interact with APIs, Web Services using **AJAX**, **JSON** and hence building type ahead feature for zip code, city and county look up using **jQuery, Ajax** and **jQuery UI.**
* Enhanced user experience by designing new web features using **MVC Framework** like **Angular JS,** accommodate these advanced and fast technologies
* Involved in developing the Controller framework using Annotated REST based **spring controller**.
* Generate UI mockups from paper-and-pencil concepts to high-fidelity prototypes that convey the interaction model using **HTML5, JavaScript** and **CSS**.
* Involved in setting up the application Service layer using **Spring IOC** framework. Implemented **Struts framework** based on the Model View Controller design paradigm.
* Implemented Object-relation mapping in the persistence layer using **Hibernate** frame work in conjunction with spring functionality.
* Extensively used Angular UI (**Bootstrap**) for ng-grid, and UI components.
* Used **spring framework** to inject the **DAO** and **Bean objects**, auto wiring the components. Worked on development of **Hibernate**, including mapping files, configuration file and classes to interact with the database.
* Used **JSP, JavaScript, JQuery, AJAX, CSS3**, and **HTML5** as data and presentation layer technology.
* Designed and developed various modules of the application with **J2EE** design architecture and frameworks like **Spring MVC architecture** and **Spring Bean Factory** using **IOC, AOP concepts**.
* Built the UI part of address verification service where users can select or ignore recommended address using **JQuery Ajax** and model.
* Designed custom **Node**.js module to, programmatically generate a path for a RESTful endpoint (**CRUD**) with **MongoDB** back end, provided a schema.
* Created continuous integration builds using **Maven** and **SVN** control.
* Worked on the website from start to finish to give it a new look using **HTML, CSS**, and **JavaScript.**
* Created UI designs using **Web 2.0 standards**
* Responsible for creating the screens with table-less designs meeting **W3C standards**. Customized the **Node.js** server to pick the local Package. **JSON** and run the applications without changing the local paths and variables.
* Created web services and desktop applications to access and display data needed by support teams using, **Ajax, JavaScript, JQuery, Angular JS, CSS** and **HTML5**.
* Developed dynamic web pages using **HTML, jQuery, Bootstrap, CSS3** and **Sublime Text Editor**.
* Developed page layouts, navigation, animation buttons and icons.
* Designed **CSS** based page layouts that are cross-browser compatible and standards- compliant.
* Closely work with the QA Team to give user enhanced experience and reduce the number of key strokes for given scenario.

**Environment:** Java 7, STS, Tomcat , Gulp, Spring Tool Suite, Spring, Spring Boot, Hibernate, MongoDB, RESTful Web Service, Oracle, HTML5, CSS3, jQuery, AngularJS, Express, JavaScript, GIT, JMS, Jenkins, Agile, JIRA tool, Selenium, Log4j, Maven, AWS.

**Accenture, India July 2018 – Oct 2020**

**Full Stack Java Developer**

**Description:** Participated in a project that involved FTP, HTTP, HTTPS, and other common internet protocols. To retrieve data from the database, JDBC prepared statements were executed using SQL. used HQL and Hibernate to control database operations and connectivity. had a major influence in the front-end, middleware, and database component designs and development. created business logic and a graphical user interface for applications running on servers and clients. Unit test cases were implemented for comprehensive code validation. used the Struts and Spring IOC frameworks to put up the application layer and map objects to relations. Utilized spring and Angular UI to handle components and manipulate data effectively.

**Responsibilities:**

* Worked on standard internet protocols such as **HTTP, HTTPS**, and **FTP.**
* Wrote **SQL** for **JDBC** prepared statements to retrieve the data from database
* Used **Hibernate** for database connectivity and designed **HQL** (Hibernate Query language) to create, modify and update the tables.
* Involved in designing and developing front end, middle ware code and the database model.
* Developed the **GUI** and write business logic code for server side and client side. Created and executed **Unit Test** cases for each coding assignment.
* Involved in setting up the application Service layer using **Spring IOC** framework. Implemented **Struts** framework based on the Model View Controller design paradigm. Implemented **Object-relation mapping** in the persistence layer using **Hibernate** frame work in conjunction with spring functionality.
* Extensively used **Angular UI (Bootstrap)** for ng-grid, and UI components.
* Used **Spring** framework to inject the **DAO** and **Bean** objects, auto wiring the components. Worked on development of **Hibernate**, including mapping files, configuration file and classes to interact with the database.
* Used **JSP, JavaScript, JQuery, AJAX, CSS3**, and **HTML5** as data and presentation layer technology.
* Designed and developed various modules of the application with **J2EE** design architecture and frameworks like Spring MVC architecture and **Spring Bean Factory** using **IOC, AOP** concepts

**Environment:** Java, J2EE, Hibernate, Struts, spring, HTML5, CSS3, JSP, JavaScript, Node.js, JQuery, Bootstrap.

**Orbees business solutions PVT. LTD, India Feb 2014 – June 2018**

**Java Developer**

**Description:** Participated in the analysis and design stages of the Software Development Life Cycle (SDLC) while employing Agile and Scrum methodology. Created front-end interfaces utilizing HTML, CSS, React, and JavaScript. Developed web services employing XML, WSDL, and SOAP. Utilized Cassandra for denormalization and crafted desktop client applications using UNIX shell scripts and Java. Employed Spring MVC for traditional MVC architecture and JDBC for connecting to the Oracle database. Implemented data layers and executed CRUD operations with Hibernate. Managed version control using SVN and ensured smooth integration by deploying applications across various environments.

**Responsibilities:**

* Involved in analysis and design phases of Software Development Life Cycle **(SDLC)** and developed the functionalities using **Agile** and **Scrum** methodology.
* Designed front-end of the application using **HTML, CSS, React, JavaScript** framework. Developed web services component using **XML, WSDL** and **SOAP** with **DOM** parser to transfer and transform data between applications.
* Used **Cassandra** for achieving denormalization through features like collections. Experience in Creating desktop client applications using **UNIX shell scripts** and **Java** applications.
* Used **Cassandra** as the backend database to retrieve Data Access Objects.
* Developed the application using **Spring MVC** intensively that leverages classical MVC architecture and **JavaScript** for major data entry that involved extreme level of data validation at client side.
* Worked with **Web Logic Application Server** to deploy the Application.
* Extensively worked on **JSON** for data transfer between different hardware components through **HTTP** request-response model.
* Worked on **JDBC** to connect to **Oracle** database for implementing operations like **INSERT, UPDATE, DELETE**
* Involved in implementation of Data Access, Service and Presentation Layers and intensively worked on **Spring DAO** Layer to access and perform **CRUD** operations on data. Handled the back-end operations using **SQL, Stored procedures, triggers** and developed the persistence structure using **ORM** based **Hibernate.**
* Extensively worked on **Oracle SQL** queries and **PL/SQL** stored procedures to perform **CRUD** operations in **DAO** layer.
* Used **SVN** for version control across common source code used by developers. Deployed the application in various environments and performed system integration testing ensuring thorough output.
* Used **NetBeans IDE** to develop the Application.

**Environment:** Java7, MVC, Factory, Session Facade Design Patterns, Spring 4.0, SOAP, Restful web services, Reactjs, Linux bash, MS DOS, Hibernate, PostgreSQL, Dynatrace, Git, Github, IBM Websphere, Bootstrap, Node.js, log4j, Rally, AWS.