Satish
Sr. Java Full Stack Developer

Cell: (708) 831-1708   Email: satish.reddy.5484@gmail.com

PROFESSIONAL SUMMARY:

- **9+ years** of experience in **development** and **implementation** of **Web-based Client-Server** applications using **Java** and **J2EE** technologies.
- Working knowledge in multi-tiered distributed environment, **OOAD** concepts, good understanding of Software Development Lifecycle **(SDLC)** and familiarity of Service Oriented Architecture **(SOA).**
- Expert in **HTML5**/**CSS3** development and have experience in **Backbone.js**, **Require.js**, **node.js**, **angular.js**, **Grunt js**, Responsive design.
- Expertise in application development using **JSP**, **Servlets**, **JDBC**, **JNDI**, **spring**, **Hibernate, JSF, EJB2.0/3.0**, **XML**, **Web Services**- **SOAP**, **WSDL**.
- Expertise in XML and related technologies like **XSL, XSLT, XPATH** and parsers like **JAXP (SAX, DOM) and** JAXB.
- Good knowledge on Big data technologies like **Spark, Scala, Hadoop, Map-Reduce, HDFS, Hive, HBase, Zookeeper, Kafka.**
- Excellent Java development skills with core **Java8**, JDBC, Hibernate and solid experience in MVC architecture, using Spring 3, Spring MVC, Struts 2.
- Expertise in designing and developing enterprise applications using **J2EE** technologies like **EJB2.1/3.0, Struts 1.2/2.0,Spring 3.0** and **4.0, JDBC, JNDI, JMS, JAXB, SAX/DOM, Web services**.
- Expertise in **XML** and related technologies like **XSL, XSLT** and parsers like **JAXP (SAX, DOM)** and **JAXB** Experience in **Database Design, Creation** and **management of Schemas**, writing Stored **Procedures**, functions, **Triggers, DDL, DML SQL** queries. Experience in writing **SQL** and **PL/SQL** programming.
- Experience in developing **REST** services in **NodeJS** using **Express JS**, in which **JSON** is used.
- Experienced in **MEAN** stack advancement (**MongoDB, Express.JS, AngularJS &NodeJS**).
- Involved in building and deploying Apache **ANT/ MAVEN** scripts for deployment and customizing **WAR/ JAR** file management for web applications.
- Well experienced in using **JUnit** for performing unit-testing framework.
- Extensive experience in testing on multiple operating systems including **UNIX**, **Sun Solaris**, and **Windows**. Experience in developing **crystal reports**.
- Expertise in using configuration management tool like **CVS and GIT** for version controlling.
- Expert in Various **Agile** methodologies like **SCRUM, Test Driven Development, Incremental and Iteration methodology** and **Pair Programming** as well as implementing **Waterfall model.**
- Experience programming in the **JBOSS** Enterprise **SOA** environment including JBOSS Workflow and Drools Business Rules engine.
- Experienced Implementing **MicroServices**. We had worked in an Enterprise Application where we had to implement **microservices** in order to separate the tasks and not to have dependency on other Parallel on-going tasks of same Application.
- Participated in understanding of **ExtJS** technologies and development tasks
- Experience in using various Web and Application Servers like **Apache Tomcat**, **IBM -Web Sphere** process server.
- Experience in Bootstrap (responsive design), **Backbone**, and **AngularJS** frameworks
- Good Knowledge of using IDE Tools like **Eclipse, NetBeans, JBuilder, Jasper, Rational Application Developer(RAD), Angular JS for Java/J2EE** application development

- Knowledge and familiarity with programming of **Java**, SQL, XML, **Java**Script, **Java**Script, Camel, Flex, Spring and/or Hibernate.
- Deep knowledge in **Angular 2.**
- Sound skill in Swing **MVC architecture, design patterns, Collections Frameworks, Exceptions handling and multi-threading.**
- A very good understanding of Groovy and Grails.

Certification:

TECHNICAL SKILLS

J2SE Technology	**:** Multithreading, Reflections, Collections, Serialization, Networking, Beans
Middleware Technology	**:** JMS, MQ Messaging, Tibco, Solace, Active MQ
J2EE Technology	**:** Servlets, JSP, Tag Libraries, JDBC, JNDI
Architecture & Framework	**:** MVC, Struts, Spring, Hibernate, OSGI
Database	**:** Oracle 10g, 11g, 12c, SQL server 2005/2008, MySQL
IDE	**:** Eclipse, My Eclipse, NetBeans
Operating Systems	**:** Windows, Linux, UNIX
Web/App Servers	**:** WebLogic, Web Sphere, Tomcat, JBoss, Apache
GUI	**:** HTML5, XML, XSD, AJAX, JavaScript, Node.js, Angular JS, JQuery, CSS3
Query Languages	**:** SQL, PL/SQL
Programming Language	**:** C, C++, Java, J2EE
Design patterns	**:** MVC3, Business Delegate, Business Object, Value Object, Front Controller, Database Access Object, Factory, Singleton, Session Facade**.**
Tools	**:** Maven, ANT, Log4J, JUnit, TOAD, SOAPUI 4.0.5, JUnit, Rational Rose, Visio

PROFESSIONAL EXPERIENCE:

Client	Accruent
Location	**Minneapolis, MN**
Duration	**05/16 – Till Date**
Role	**Sr. Java Full Stack Developer**

Responsibilities:
- Responsible for writing J2EE compliant **Java** code for application development effort which involved working with **JSP, Servlets, JDBC, XML, EJB**, etc.
- Responsible to maintain **HTML5**, **CSS3** in **JQuery** as well as keeping the pages dynamic using **AJAX**, **JSON** and **XML**.
- Involved in developing the UI panels using JSF, **XHTML**, **CSS**, DOJO and JQuery
- Experience in using design patterns and UI frameworks such as MVC, Struts, Hibernate, NodeJS, Spring.
- Developing **Angular2** web app, front end representation for internal products.

- Expertise in **AngularJS** controllers, directives, factories, services, routing, DOM manipulation using JavaScript, jQuery and AngularJS.
- Experience in **MEAN (MongoDB, Express, Angular 2 and NodeJS) Stack** application development
- Used **Apache Kafka** (Message Queues) for reliable and asynchronous exchange of important information between multiple business applications.
- Involved in developing an automation tool, in Java and **Scala** on **Akka** Framework
- Enhanced user experience by designing new web features using MVC Framework like **Backbone.js**, **Require.js** and **Node.js**.
- Involved in developing an automation tool, in Java and Scala on **Akka** Framework
- Worked with the **Java**Script frameworks like **HTML** 5, **CSS** 3, JQuery and **Angular JS**.
- Configuring and Installing all the **Endeca** related stuffs.
- Worked with web designers to develop user interfaces and prototypes for a web-based internal system. Developed the application as Single Page Application (SPA) using **Angular2/4 MVC framework.** Worked on front-end pages using **HTML5, CSS3, JavaScript,** and **Bootstrap.**
- Used **Angular2** UI Router to establish routing between nested html views.
- Experienced **Angular2** pass data between components, created pipes to transforming data, nested containers, and set Angular Services
- Excellent Java development skills with core **Java8**, JDBC, Hibernate and solid experience in MVC architecture, using **Spring 3, Spring MVC, Struts 2.**
- Developed and deployed solution using several new technologies, **including Linux - Ubuntu, Drupal** and **Apache SOLR.**
- Used **Hibernate ORM tools** which automate the mapping between **SQL databases** and objects in Java. Integrated the **Spring** and **Hibernate framework**.
- Worked on **Solr**, **Elastic Search**, **Kafka**, **Flume**, **MangoDB** and **Cassendra**
- Extract the data from Oracle and push to **Apache Kafka** Queue using Golden Gate.
- Utilized most of the **AWS** services like S3 as a data store for storing the files in Dynamo **DB**.
- Managed MICROS Xstore and Xbri Point of Sale and Asset Protection project
- HR project successes with integration of KRONOS and PayChex systems into corporate systems and MICROS Xstore point of sale solution
- Experienced in using **Scala, Java** and **Python** frameworks for **Bigdata/Spark** engine requirements.
- Development of **Apache Struts** web applications from concept to rollout
- Used **Scala** for coding the components in **Play** and **Akka**.
- Customized Micros XStore POS **Java** software to suit Talbots' requirements
- Created Data Transfer Objects(DTO) and implemented business logic using **Java8** in Spring framework.
- **MEAN stack** implementation, AngularJS **Full-Stack** generator (generator-angular-full stack), and actually run, edit, and deploy an application.
- Excellent in deploying the applications in **AWS** as EC2 instances and create snapshots for the data that have to be stored in **AWS S3**
- Used microservice architecture, with Spring Boot-based services interacting through a combination of **REST** and **Apache Kafka** message broker
- Resolve Micros xStore issues, **rest**ore databases, re-image and replace devices
- Implementation of **Struts** - Configuration Files, Validation Files, Interceptors, Filters, Listeners for Modules.
- Maintenance and schema design for **PostgreSQL** and MS SQL Server.
- Used **scala** scripts for spark machine learning libraries API execution for decision trees, ALS, logistic and linear regressions algorithms
- Strong skill sets on Object Oriented Programming and development knowledge on C++ and **HTML**.

- Good experience with **JDK 1.8.**
- Experienced developing against **SOLR** Search Platform APIs
- Optimized **Ext.JS** themes and prepared performance applications
- Expert in implementing unified data platform to gather data from different sources using **Kafka** and **Java** Producers and consumers.
- Experienced in developing **SOAP**-based Web Services and Web Service Clients (JAX-WS, **SOAP**, WSDL and JAXB).
- Design and Development of Objects using Object Oriented Design in **Java**.
- Used **Elastic search** for Real time analytics and a Full text search functionality.
- Preparing the migration document for migrating application from Struts to Spring and Responsive web designing the application.
- Utilized **AWS** cloudwatch to monitor the performance environment instances for operational and performance metrics during load testing.
- **MEAN stack** implementation, AngularJS **Full-Stack** generator (generator-angular-full stack), and actually run, edit, and deploy an application.
- Involved in using **HTML**, D**HTML**, **Java** Script, AJAX, ExtJs, JQUERY, JSP and Tag Libraries to develop view pages.
- Loaded data in elastic search from Datalake and Optimized the full search function using **Elastic Search**.
- Supporting and implementing web application built on **MEAN stack**
- Systems Integration & packaging using Hybris along with **Endeca** Search, Content.
- Deployed GUI code to **WebLogic** application environment and standalone components to JBoss Server.
- Wrote JUNIT Test cases for Spring Controllers and Web Service Clients in Service Layer using Mockito
- Involved in converting **Hive/SQL** queries into Spark transformations using **Spark RDD**, **Scala**.
- Experience in **Java8** features like Parallel Streams, Lambdas, functional interfaces and filters.
- Developing Hibernate Configuration files for MySQL 5.1, Oracle 10g &11g and MongoDB.
- Node.js is used to develop server side applications
- Used Angular.JS as the development framework to build a single-page application.
- Developed Framework components for **Struts** Presentation tier, Business tier and Resource tier
- Developed SPA (Single Page Web Applications) using **RESTFUL** web services plus Ajax and **Angular JS** actions.
- Implemented monitoring and established best practices around usage of **Elastic** Search
- Involved in writing **Angular.JS** controllers, views, and services for Lockbox and wellness incentive programs.
- Used **Java 8** Lambda expressions and functional interfaces, wherever possible. Also, used **Java8** features like Streams, Producer, Consumer, Bi Consumer etc.
- Involved in SPA (Single Page Web Applications) using **RESTFUL** web services plus Ajax and **Angular.JS**
- Solid proficiency with IA/UX and web usability best practices.
- Participated in development of a well responsive single page application using AngularJS framework, **Java**Script, and jQuery in conjunction with **HTML5**, **CSS3** standards, with front-end UI team.
- Used **Angular.JS** framework to bind **HTML** (views) to **Java**Script objects (models)

Environment: Java 8 , JSP, Angular2, JQuery, JSON, HBase ,**Elastic**, Spring IOC, Spring MVC, Spring AOP, MICROS, Spring ORM, JAXB, XML, JAX-WS, **SOAP** Web Services, Mean Stack, **REST**ful web services, SOLR

Client	Continental North America
Location	Boston , MA
Duration	03/14 – 05/16

Role	Sr. Java Full Stack Developer

- Designed use cases for the Application as per the business requirements.
- Participated in requirement gathering and framework implementation sessions through **Agile** TDD methodology.
- Experienced developing against SOLR Search Platform APIs
- Developed and delivered **SOAP** based Web Servicesfor our new clients used Apache-CXF and **SOAP** UI to test the services.
- Utilized most of the AWS services like S3 as a data store for storing the files in Dynamo DB.
- Expertise in **AngularJS** controllers, directives, factories, services, routing, DOM manipulation using JavaScript, jQuery and AngularJS. Experience in **MEAN (MongoDB, Express, Angular and NodeJS) Stack** application development
- Loaded data in elastic search from Datalake and Optimized the full search function using **Elastic Search**.
- Development of **Apache Struts** web applications from concept to rollout
- Created **AWS** Launch configurations based on customized AMI and use this launch configuration to configure auto scaling groups and Implemented **AWS** solutions using **EC2, S3, RDS, DynamoDb**, **Route53**, EBS, **Elastic Load** Balancer, Auto scaling groups.
- Experience in creating Models, Controllers, Templates, Custom Directives, Components, Filters and Services in **AngularJS**.
- Involved in converting **Hive/SQL** queries into Spark transformations using **Spark RDD**, **Scala**.
- Involved in developing an automation tool, in Java and **Scala** on **Akka** Framework
- Used **Elastic search** for Real time analytics and a Full text search functionality.
- Expert in implementing unified data platform to gather data from different sources using **Kafka** and **Java** Producers and consumers.
- Developed Framework components for **Struts** Presentation tier, Business tier and Resource tier
- Worked on **Solr**, **Elastic Search**, **Kafka**, **Flume**, **MangoDB** and **Cassendra**
- Extensively used Core **Java** such as **Exceptions,** and **Collections**
- Used **scala** scripts for spark machine learning libraries API execution for decision trees, ALS, logistic and linear regressions algorithms
- Implementation of **Struts** - Configuration Files, Validation Files, Interceptors, Filters, Listeners for Modules.
- Used **JSTL** and developed required tiles and tile definitions for templating and defined configuration in the struts configuration.xml.
- Excellent in deploying the applications in **AWS** as EC2 instances and create snapshots for the data that have to be stored in **AWS S3**
- Used **Apache Kafka** (Message Queues) for reliable and asynchronous exchange of important information between multiple business applications. Involved in developing an automation tool, in Java and Scala on **Akka** Framework
- Created reusable **Angularjs** html templates using custom templates.
- Supporting and implementing web application built on **MEAN stack**
- Resolve Micros xStore issues, **rest**ore databases, re-image and replace devices
- Processing data ingestion and entity resolution using **Hadoop** and **Pig.**
- Implemented **Apache Kafka** to provide a unified, high-throughput, low-latency platform for handling real-time data feeds
- Applied **Hadoop MapReduce** to reduce processing time from two weeks per year of data to one day.
- Developed business layer using **EJB** stateless session beans and deployed on the Application server (Web logic).

- Experienced in using **Scala, Java** and **Python** frameworks for **Bigdata/Spark** engine requirements.
- Used **Scala** for coding the components in **Play** and **Akka**.
- **MEAN stack** implementation, AngularJS **Full-Stack** generator (generator-angular-full stack), and actually run, edit, and deploy an application.
- Built **restful** web services using **MongoDB/NodeJS** and implemented the front-end using **jQuery** and **AngularJS** controllers, directives, and service.
- Created Composite Applications, Home Security components and Adapters by using Oracle SOA technology.
- Used microservice architecture, with Spring Boot-based services interacting through a combination of **REST** and **Apache Kafka** message broker
- Developed major websites and services by including **Mongo DB** as backend software.
- Subject matter expert in enterprise search engine analysis, design, development and systems integration. Search engines include Autonomy IDOL Server, MOSS 2007, Endeca, Lucene/Solr and Microsoft FAST 2010 for SharePoint 2010, SharePoint 2013.
- UI Layer implemented with Struts, Struts validation, Struts Tiles, JSP, XML, **CSS**, **XHTML**, **Java**Script, **DOJO, AJAX**.
- Subject matter expert in enterprise search engine analysis, design, development and systems integration. Search engines include **Autonomy IDOL** Server, MOSS 2007, **Endeca, Lucene/Solr** and Microsoft FAST 2010 for SharePoint 2010, SharePoint 2013.
- Used **XML** web services using **SOAP** to transfer the amount to transfer application that is
- Used **SWING** for **GUI** based coding.
- Worked closely with the Business/Users team in translating technical requirements into application code
- Developed web layer using **Struts** framework to manage the project in **MVC** pattern.
- Implemented integration of Struts **Action classes** in Presentation Tier.
- Utilized **Node.js** to create a fast and efficient chat server.
- Used **Struts Tiles** Framework for designing the layout of the application.
- **MEAN stack** implementation, AngularJS **Full-Stack** generator (generator-angular-full stack), and actually run, edit, and deploy an application.
- Designed dynamic and multi-browser compatible pages using **HTML5**, **CSS3**, JQuery and **Java**Script
- Used Hibernate as persistence framework for **DAO** layer to access the Oracle10g database.
- Worked on **Eclipse** for development and deployment of application in **Web Logic** Application Server.
- Creating **Angular** Services using factory services to implement the business logic.
- Responsible for coding, testing and documenting various packages, procedures, and functions for libraries.
- Experienced developing against **SOLR** Search Platform APIs
- Proficient in using SVN for Version Control.
- Actively involved in code reviews and also in bug fixing.

Environment: Java, JSP, JavaScript, Ajax, JQuery, Ant,Elastic, Struts, POS, DOJO, Drools, Hbase, Solr, Marklogic, Spring, MICROS, Hibernate, RSA, WebSphere Application Server, DB2, Agile, XML, LDAP.

Client	Viacom
Location	NYC, NY
Duration	10/11 – 02/14
Role	Java Full Stack Developer

Responsibilities:
- Actively participated in meetings with Business Analysts and Architects to identify the scope, requirements and architecture of the project.
- Ensured Service design fits into overall SOA driven program.

- Followed **MVC model** and used spring frameworks for developing the Web layer of the application.
- Built JavaScript application with **Backbone.JS**, as well as using **Node.JS** for server side rendering.
- Used Bootstrap and **Angular**, **React.js** and **Node.js** in effective web design.
- Extensively used **Java**Script to provide dynamic User Interface and for the client side validations.
- Solid experience on JavaScript Frameworks like MVC/MVVM JavaScript framework and Exposure to **Node.js**.
- Designed and developed **REST-ful** style Web Service layer and **WSLD.**
- Made heavy use of **Amazon Web Services** (**EC2**, **S3**, & **RDS** in particular).
- **MEAN stack** implementation, AngularJS **Full-Stack** generator (generator-angular-full stack), and actually run, edit, and deploy an application.
- Used AJAX framework for asynchronous data transfer between the browser and the server.
- Extensively used **Java Multi-Threading** concept for downloading files from a URL.
- Used J2EE design patterns like Front Controller**, MVC, Business Delegate and Session Facade**.
- Write front end code for developing new pages using **HTML, CSS, JavaScript, and JQuery**.
- Involved in preparing Ant builds scripts (**XML** based), **deployments**, and **integration** and configuration management of the entire application modules.
- Used spring, Hibernate module as an Object Relational mapping tool for back end operations over SQL database.
- Worked with **NoSQL databases** such as **Cassandra**, **MongoDB**..
- Developed code to fetch data from back-end and populate on UI using **AJAX**, **Angular-JS**, and **JSON**.
- Supporting and implementing web application built on **MEAN stack**
- Individually developed interactive web pages using **Angular JS** to perform operations in a database.
- Worked on research team that developed **Scala**, a programming language with full **Java** interoperability and a strong type system.
- Experience with Internet Application Development such as **HTML5**, FLEX **CSS3**
- SPRING, IBATIS/HIBERNATE AND FLEX REQUIRED
- Developed **REST**-based **node.js micro services** using domain modeling.
- Generating **scala** and **Java** classes from the respective APIs so that they can be incorporated in the overall application.
- Used **XML** web services using **SOAP** to transfer the amount to transfer application that is
- Used **SWING** for **GUI** based coding.
- Debug the application using Firebug to traverse the documents and manipulated the Nodes using DOM and DOM Functions using Firefox and IE Developer Toolbar for IE.
- Involved in Database design for new modules and developed the persistence layer based on Hibernate.

Environment: Java, J2EE, spring, Hibernate, JSP, Eclipse 3.3, WebLogic, Maven, JUnit, CVS, CSS, HTML, XML, XSD, JavaScript, Oracle10g and Windows.

Client	Sonata Software
Location	Bangalore
Duration	8/08 – 9/11
Role	Java Developer

Responsibilities:
- Developed the web layer **using Spring MVC framework**.
- Implemented JDBC for mapping an object-oriented domain model to a traditional relational database.
- Created Stored Procedures to manipulate the database and to apply the business logic according to the user's specifications.

- Front end development with jQuery, **Knockout.js**, React, **Node.js**.
- Involved in analyzing, designing, implementing and testing of the project.
- Developed **UML diagrams like Use cases and Sequence** diagrams as per requirement.
- Developed the Generic Classes, which includes the frequently used functionality, for reusability.
- Experience on scripting (e.g. Bash, Powershell, Perl, Ruby, Python)
- Expertise in web front-end technologies such as , **Javascript**, Ajax, JSF, **CSS**, **HTML** and/or Flex and developing browser compatible applications
- Involved in Database design and developing SQL Queries, stored procedures on **MySQL**.
- Designed and implemented the application's configuration system, including Swing based GUI.
- Involved in creation of GUI using **Java Swing.**
- Functional and Non-functional testing of web based applications, Database and Hbase based Processing tools, Solr Search Engine, Cloud based web based applications.
- Peer code reviews using JIRA
- Developed code to fetch data from back-end and populate on UI using **AJAX**, and **JSON**.
- Worked on fixing bugs and used JIRA to update them.
- Developed user interface using **JSP, HTML, XHTML, XSLT and Java Script** to simplify the complexities of the application.
- Highly skilled in using Version Control Management tools like SVN, CVS, and **GIT**

Environment: JAVA, Java Script, HTML, JDBC Drivers, SOAP Web Services, UNIX, Shell scripting, SQL Server