

**Satish**  
**Sr. Java Full Stack Developer**

Cell: (708) 831-1708

Email: [satish.reddy.5484@gmail.com](mailto: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, **JavaScript**, **JavaScript**, 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**

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

### **PROFESSIONAL EXPERIENCE:**

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

### **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 **JavaScript** 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 **Cassandra**
- 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, **restore** 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**, **DHTML**, **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, **JavaScript**, and jQuery in conjunction with **HTML5**, **CSS3** standards, with front-end UI team.
- Used **Angular.JS** framework to bind **HTML** (views) to **JavaScript** 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, **RESTful** web services, SOLR

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

Role	Sr. Java Full Stack Developer
------	-------------------------------

### Responsibilities:

- 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 Services for 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 Cassandra**
- 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, **restore** 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**, **JavaScript**, **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 **JavaScript**
- 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.

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

#### **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 **JavaScript** 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.

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

#### **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