# Sathish Kumar

sathishjava789@gmail.com

Phone: 818-732-9624

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**Professional Summary:**

* Around **7+ years** of experience in Object Oriented Designing, Developing, Implementation and testing in Client/Servers e-business applications using **Java & J2EE** Technologies.
* Good exposure to all phases of **SDLC** process, including system use case, functional & technical specification documentation based on business requirements.
* Review design documents with stake holders and collect approvals
* Excellent Knowledge of Object Oriented **Analysis** & **Design** using **UML**.
* Good experience with **RUP**, **Agile** methodologies.
* Experience implementing **SOA**, **WebService** applications.
* Strong Experience in developing the application using frameworks like **Struts**, Java Server Faces (JSF) and **Spring** frameworks Worked on maintaining the persistence using **Hibernate**, JPA ORM.
* Experienced in implementing presentation layer using **JSF**, **JSP,** **HTML**, **CSS**, **JQuery**, **JavaScript,** **AngularJs, ExtJs, JSON** and Servlets.
* Developed application using **Angular.JS 2 and Node.JS** connecting to Oracle on the backend.
* Proficiency in developing web services(**Soap, Restful**) that include several components like **SOAP, WSDL, XML,XSD, Axis2, JAXB, JAX-RS and JAX-WS**. Also Developed SOAP web services using **Apache CXF.**
* Experience deploying applications on Apache Tomcat 6 Web Server, BEA Weblogic 8/9/10, Websphere 5.0/6.0 application server environments.
* Designed and developed multiple **J2EE™ Model 2 MVC** based Web Application using J2EE™ Technologies, Patterns and popular open-source framework **Struts, Spring MVC, Spring, JPA and Hibernate**.
* Experience with Software designing and modeling using UML on **Rational Rose** and **Enterprise Architect**.
* Hands on experience in deployment of **J2EE** applications on **JBoss , Tomcat, IBM Web Sphere** and **WebLogic** Application **Servers.**
* Good experience maintaining the project in IBM Rational Clear Case, **SVN**, CVS, StarTeam version control repositories.
* Experience in  building an application using the **Alfresco** content application server.
* Experience in using XML based technologies and parsers DOM, SAX, JAXP, JAXB.
* Good knowledge in **Python** and **Hadoop, HDFS, MapReduce, Hive, HBase, Flume**.
* Experience in database design, **NoSQL** , data modeling and developing stored procedures, functions and triggers using **SQL plus, SQL developer** in **Oracle 9i, My SQL and DB2**.
* Created **REST APIs** by using spring, exposed them from my existing system so that it is consumed by other application.
* Experience in several agile frameworks like Scrum, XP, Using **TDD** and **ATDD** approach.
* Experience in writing test-cases in **Java** environment using **JUnit, Mockito and Powermock**.
* Experience in managing the build files using **ANT** and **Maven.**
* Experience in using the **Log4j framework** for Logging Java Application.
* Experience in developing, designing in **UML, Package, Class and State Diagrams.**
* Well versed with Core Java concepts like **Collections, Multithreading, Serialization, Java Beans** and **Network programming**.
* Excellent communication, problem-solving, interpersonal, organizational skills.

# SKILLSET

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| **Platforms** | Windows 2000/NT/ XP/Vista and Sun Solaris 2.8/2.9, UNIX |
| **Programming** | JDK 1.5, 1.6, 1.7,1.8, C, C++ |
| **Server Scripting** | JSP1.2,2.1, JSP-EL, JSTL, Custom Tags |
| **Client Scripting** | JQuery 1.8,1.9, JQueryUI, Dojo, ExtJS, AngularJS, Javascript, CSS2, CSS3, HTML4, HTML5, NodeJS |
| **Java Frameworks** | Struts 1.2, Struts 2.1, Spring MVC,DI, AOP, JSF 1.1, JSF 2.1, GWT, Vaadin |
| **Database Tools** | Toad for Oracle, Toad for MySQL, Toad for DB2, Toad for MS-SQL, ERWin, Altova Database Spy, MySQL Workbench, |
| **Databases** | DB2, MS-SQL Server, HSQLDB, PostgresSQL, MySQL |
| **Middleware Specifications** | EJB 2.1, EJB 3.0, CORBA, RMI, JMS |
| **Version Control** | Tortoise SVN, Rational Clearcase, Accurev, GitHub, CVS |
| **IDEs** | Eclipse 3.0, 3.1, MyEclipse 4.1, IntelliJ, Netbeans, JBuilder 2007, JDeveloper. |
| **Build Tools** | ANT 1.7,1.8,1.9, Maven, Gradle |
| **Continuous Integration** | Jenkins, Hudson, Bamboo |
| **XML Tools** | Altova XML Spy 2005,2008 |
| **XML Technologies** | XSLT, JAXP, JDOM, SAX, DOM, XPATH, XPOINTER, XML, XSD,DTD |
| **Webservice Specifications** | JAX-RPC, JAX-WS, JAX-RS |
| **Webservice Tools** | SoapUI 4.0,5.1, TcpMon |
| **Webservice Implementations** | Axis 1.0,2.1, JWSDP2.1, Sun Metro, Sun Jersey, Apache XFire, Apache CXF |
| **Whitebox Testing** | Junit 3, Junit 4, DBUnit, JUnitPerf, HttpUnit, LoadTest, TimedTest, Selenium, Fitnesse, EasyMock, PowerMock |
| **Blackbox Testing** | JMeter, LoadUI, LoadRunner, HP Quality Center, WinRunner, |
| **Application Servers** | Weblogic 8.1, 10.0, Websphere 6.1, JBoss 4.0, Glassfish 4.0 |
| **Web Servers** | Tomcat 5.0,6.0,7.1, Joans |
| **UML Tools** | Altova UML Model, Rational Enterprise, MS Visio |
| **ORM Frameworks** | Hibernate 3.0,3.1,4.1, TopLink, OpenJPA, iBatis |
| **Defect Tracking** | JIRA, Bugzilla, Rational ClearQuest |
| **Methodologies** | Agile (XP, Scrum), Rational Unified Process(RUP), Waterfall, Kanban |
| **Reporting** | iReports, JReports |
| **Batch Jobs** | Quartz Scheduler, Cron, Spring Batch |
| **HTML Editors** | MS-Frontpage 2003, Adobe Dreamweaver, Coffee Cup HTML |
| **Templating** | Velocity, Freemarker |
| **Cloud Computing** | AWS – EC2, RDS, S3, Dynamo DB |
| **Micro Services** | Spring Micro Services, Springboot |

## Hanover Insurance, Worcester MA November 2018 – Till date

**Sr. Fullstack Java Developer**

#### **Responsibilities:**

* Designed the Web application Using **Spring MVC** (Model View Controller) pattern to make it extensible and flexible.
* Analyzed, designed, implemented web based application using **Java**, **JPA**, **JSP**, **Spring**, **XML**, and **SQL**.
* Used **Agile methodologies** during the complete project life cycle.
* Helped in preparing the design documents like process flow, sequence, component diagram.
* Implemented DIM Web service using Spring Framework.
* Used Agile methodology **XP** for development using User Stories.
* Used annotations in the complete project development, webservices, **MVC** design.
* Used **JMS** for consuming pin verification, device connect disconnect messages.
* Used **JPA** as data persistence API for all the DAO, database operations.
* Generated **Hibernate** Objects, and used **Hibernate ORM** for SOTI Publisher application.
* Used **Maven** project management tool for build and deployment of the application.
* Used **Spring quartz timer** to load the DIM data base with device battery information on regular intervals of time.
* Developed screens using **Angular 2**, CSS3, HTML5, JQuery and AJAX.
* Implemented routing logic and navigation from screen to screen and also implemented login functionality on the client side in **Angular 2**.
* Used complete annotation driven approach to develop the application using Spring Boot and was also involved in setting up the spring bean profiling.
* Developed **Spring REST** Web services for opening, closing the locker door webservice operations.
* Deployed Spring Boot based **Microservices Docker** container using **Amazon EC2** container services and using AWS admin console
* Wrote lots of JSP's for maintains and enhancements of the application. Worked on Front End using Servlets, JSP and also backend using Hibernate.
* Developed the presentation and controller logic for the screens related to my user stories using JSPs, HTML, bean and form tag libraries.
* Developed code for user stories (based on user requirements) and successfully approved it from QA
* Used **Git** and **GitHub** repository for **Source Code Management** **(SCM**) systems.
* Used **GitHub** for version control and **Bamboo** for continuous Integration.
* Used **Spring Cache** Abstraction and Ehcache to reduce the number expensive executions.
* Developed rule modules using Rule Engines, Drools.
* Used **Subversion** (**SVN**), **ClearCase** as source controls.
* Involved in write application level code to interact with APIs, Web Services using **AJAX**, **JSON** and **XML**.
* Established continuous integration (CI) practices and standards for PSCU with **Jenkins**.
* Designed and developed Microservices using REST framework and Spring Boot and used Bootstrap along with AngularJS in creating the Application.
* Spring XML configuration for Camel Integration to messaging XML documents.
* Front end development utilizing **HTML5**, **CSS3**, and **JavaScript** leveraging the **Bootstrap framework** and a Java backend
* Utilized various **JavaScript** and **JQuery** libraries, **AJAX** for form validation and other interactive features.
* Parse XML documents like Device Connect, Disconnect messages using **JAXB**.
* Used **Microsoft Visio** to design the work flows and sequence diagrams, class diagrams.
* Writing unit and integration tests with Mockito framework.
* Designed and implemented the UI components using **ExtJS** for file storage and maps using Open layers.
* Involved in Testing in Agile Development Environment, Using TDD and ATDD approach.
* Involved in deployment of the application at various environments (Development, Testing, Staging, and Production).
* Used **log4j** for logging.

#### **Environment:**

JDK 1.8, Spring Boot, Spring MVC, Spring AOP, Hibernate 4.0, JAX-RS Webservices, JAX-WS Webservices, Apache CXF, JQuery 1.10, JQueryUI, AJAX, UML, MS Visio, JSTL, Oracle 11g, WebLogic 10.1, Eclipse 4.2, Junit, XMLSPY, SOAPUI 5.1, Log4j, Maven 3.1, PMD, AWS, NodeJS, Bootstrap, AngularJs 2, HTML5, CSS3, Toad, Hudson, NodeJS, TcpMon, Sun Jersey, Junit 4.1, Powermock, JIRA, Rally, Freemarker, Apache POI, Quartz Scheduler, TcpMon, GIT, Bamboo CI, Cucumber.

**Genworth Financial, Richmond VA May 2017 - October 2018**

**Sr. Java Developer**

#### **Responsibilities:**

* Involved in developing Webservice operations in **Service Oriented Architecture (SOA)**.
* Followed **agile** **methodology** during complete **SDLC** process.
* Participated **Agile/Scrum** development and deployment teams
* Used **Spring Framework 4.1** for the application development.
* Responsible for Web UI development in **JavaScript** using **jQuery, AngularJS, and AJAX.**
* Used **Spring** for bean instantiation, nnotations, controllers, request mapping to handle the **Webservice** request and response.
* Involved in front end development using **Struts, JSP's, JSF and JSTL**.
* Used **JAXB** for marshalling and unmarshalling of work order, billing XML documents, and **JAXP** for processing.
* Developed **REST** Web services to make web service calls simple and easy for the client to access it with the help of standard HTTP URIs
* Used Spring Boot which is radically faster in building cloud Microservices and develop spring based application with very less configuration.
* Design and developed request and response XML Schema (**XSD**) documents for **Webservice** operations such as Retrieve History.
* Developing Intranet Web Application using **J2EE** architecture, using JSP to design the user interfaces and **Hibernate** for database connectivity.
* Developed DAOs using **JPA**, **Hibernate** persistence API for the database operations to interact with **Oracle Database**.
* Implemented the application using Spring Boot Framework and handled the security using Spring Security.
* Developed web service client using **Spring** Framework and **REST** HTTP protocol to get customer credentials and information.
* Responsible for creating efficient design and developing User Interaction screens using **HTML**, **CSS**, **JavaScript**, **JQuery**, **AJAX** and **JSON**.
* Implementing JSP Standard Tag Libraries (JSTL) along with Expression Language (EL).
* Created Mock-up designs and developed various functionalities with **JavaScript** and **JQuery**.
* Creating custom, general use modules and components which extend the elements and modules of core **AngularJS.**
* Extracted data in UI for different clients using **JSON**.
* Used **AngularJS** as the development framework to build a single-page application and reusable **AngularJs** applications.
* Integrated with third party **Sale point API** to make restful **Webservice** call.
* Expertise building **SOAP Web services** based on **AWS** (Amazon Web Services).
* Used NPM to resolve angular, jasmine dependencies.
* **NodeJS** was used as a light weight webserver.
* Used **Maven** for the project management like build, install.
* Deployed application on **Apache Tomcat** server.
* Used **GIT** for version control and repository.
* Have Experience in using **Github** repository to run the Jenkins job for Continues Integration while developing the applications and posting them in **GIT**.
* Extensive use of **Docker** for developing test cases and performed unit and integration, tested by using **JUnit**.
* Developed **Groovy scripts** to test Report application output.
* Used **Selenium** for UI automation.
* Used **log4j** for logging errors, info, exceptions.
* Involved extensively in Code Reviews, Unit testing and Process Improvements.

#### **Environment:**

JDK 1.6, Eclipse 3.6, Agile, Spring FW 3.1.0, Cache Abstraction, REST WebServices, tomcat 6 , Oracle 11g, Spring MVC, Hibernate, Drools, JPA, Maven, GIT, Bamboo CI, , JUnit, Cucumber, Log4j, HTML5, CSS3, javaScript, ExtJs, JSON, JMS, DB Visualizer 7.1, Weblogic, UML,Mockito, JSP, XML, JAXB, Unix, Subversion(SVN), ClearCase, Jenkins.

**Steel case, Portland OR December 2015 - April 2017**

**Full stack Developer**

#### **Responsibilities:**

* Involved in creation of Low Level Design including sequence diagrams and class diagrams to understand the existing architecture.
* Involved in the integration of spring for implementing Dependency Injection (DI/IoC). Developed code for obtaining bean references in **Spring IoC** framework.
* Involved in development of REST Web services using **Apache Axis2** to extract client related data from databases.
* Used JIRA issue tracker to file the bugs.
* Implemented Presentation layer using CSS Framework, **AngularJS**, Wire-framing, HTML5.
* Involved in writing **Oracle PL/SQL** stored procedures, triggers, views, joins.
* Implemented JPA (ORM mapping tool) framework to interact with the database to update, retrieve, insert and delete values effectively.
* Developed **Apache** Ant script to create war/ear file and deployed on the application server.
* Primarily focused on the spring components such as Dispatcher Servlets, Controllers, Model and View Objects, View Resolver. Used Design Patterns such as singleton, Business Delegate, Session Façade, Service Locator, Simple Factory Pattern, Data Transfer Object.
* Developed the UI panels using **JSF, XHTML, Ext JS, CSS, DOJO and JQuery.**
* Developed a fully functional prototype application using **JavaScript (jQuery and Backbone.js)** and **Bootstrap**, connecting to a REST-full server on a different domain.
* Lead, Designed and Developed SOA enterprise system using Oracle SOA
* Created standalone **Scala** programs to read data from several XLS files and insert data into the Database as needed by the testing team.
* Configured tiles-defs.xml file to configure the presentation views.
* Used **hibernate.config.xml** file to configurations and mapping entries to access database.
* Used struts-config.xml file for defining mapping definitions and action forward definitions.
* Used **Web Services (REST & WSDL**) to exchange data between portal and other modules of Citi bank.
* Implemented **Spring – Hibernate** as Data Access Layer.
* Used **AngularJS** framework for building web-apps and is highly efficient with PHP framework as well as using Restful services
* Developed REST Web services to make web service calls simple and easy for the client to access it with the help of standard HTTP URIs.
* Utilized the **JQuery, AJAX, and JavaScript** to render widgets on web pages
* Involved in the development of presentation layer and **GUI** framework using CSS3 and HTML5. Client Side validations were done using **JavaScript**.
* Designing and creating business rules using IBM ILOG Rules Engine
* Utilized **Agile Methodology (SDLC)** to manage projects
* Developed the application using **Eclipse 3.5** as the IDE and used eclipse standard/plug-in features for editing, debugging, compiling, formatting, build automation, test case template generation, mutator/accessor code generation, and version control (SVN).
* Involved in user interface development using JSTL.
* Bottle micro-framework implemented with **REST API** and **MongoDB (NoSQL)** as back end database.
* Strong development skills in designing and developing Microservices along with Spring Boot and Coherence cache implementation.
* Involved in designing the data stage job to implement ILOG JRules Component.
* Deployed Spring Boot based **Microservices Docker** container using **Amazon EC2** container services and using AWS admin console.
* Involved in creating the Hibernate POJO Objects and mapped using Hibernate Annotations.
* Used **Hibernate, object/relational-mapping (ORM) solution**, technique of mapping data representation from MVC model to Oracle Relational Data model with a SQL- based schema.
* Used WebLogic Application server to deploy and restart web applications.
* Expertise in the use of **Java/J2EE** design patterns like singleton, MVC, builder and strategy patterns.
* Fixing bugs in different testing phases with the help of Log4J logs.
* Involved in the creation of exhaustive Junit Unit Test Cases.

#### **Environment:**

Java 1.6, J2EE, JSP, Servlets, Scala, REST web services, ExtJS, Apache Axis2, Spring 3.0, Hibernate 3.0, XML, XSD, Schema, PL/SQL, Agile methodology, Oracle WebLogic 10.0 Server, Oracle 10g, Apache ANT, Unix, Junit 4.0, AJAX, Eclipse, Mongo DB, JavaScript, JQuery, REST, Struts, PL/SQL, JIRA, Node.js, Jasper, ILOG, JRules, Angular.js.

**Farmers Insurance, Sacramento, CA September 2014 - November 2015**

**Sr. Java J2EE Developer**

#### **Responsibilities:**

* Implemented Different **Design patterns** like **singleton, factory** and J2EE design patterns like Business delegate, session facade, Value object and DAO design patterns.
* Used **Spring Framework’s IOC Dependency** Injection to inject Service Object using **Service Locator Design Pattern** into **Action Classes**.
* Used **Struts tag libraries** in the **JSP pages.**
* Developed a controller **Servlet** that dispatches request to appropriate **Action Classes**.
* Developed the application under J2EE Architecture using **Spring, Struts, Hibernate, Servlets, Web logic** and **JSP.**
* Implemented Restful Web Services to retrieve data from client side using **Micro Services** architecture.
* Experience in Docker engine and Docker Machine environments, to deploy the **Microservices-oriented** environments for scalable applications.
* Used Java Persistence API (JPA) and **Hibernate** for performing the **Database Transactions**.
* Used **join** **point** and **advice** **Spring AOP modules** for cross cutting concerns and **IOC** for **dependency injection**.
* Designed extensive additions to existing Java Web Application utilizing **Service Oriented Architecture (SOA)** techniques.
* Extensively worked on **Spring Bean wiring**, **Spring DAO** and **Spring AOP** **modules**.
* Designed Graphical User Interface (GUI) for various WebPages using **AJAX, HTML, CSS, JSF, JQuery** and **JavaScript**.
* Implemented multiple high-performance **Mongo DB** replica sets on EC2 with robust reliability.
* Design and developed the UI using **AngularJS**, Spring MVC, HTML, CSS, Bootstrap, JavaScript, JQuery, AJAX.
* Implemented Micro Services using Spring Boot, Cloud Foundry, and Spring Micro Services and enabled discovery using the AWS cloud services
* Used **Node JS** to run **Angular JS** on server with mock **JSON** data and completed the UI development independent of server
* Implemented **SOA** architecture with web services using **SOAP, WSDL, UDDI** and **XML.**
* Identified and resolved programming issues, **Servlets** and **EJB s performance** tuning opportunities.
* Used **JMS** API for asynchronous communication by putting the messages in the Message queue.
* Consumed **Web Services (WSDL**, **SOAP, UDDI)** from third party for authorizing payments to/from customers.
* Involved in Developing Web Application with Full Software Development life Cycle (SDLC) from Design to Deployment using **agile methodologies.**
* Created detail design documents which has the **UML Design diagrams,** table information, object model etc which are required for the developer.
* **MVC** architecture is implemented by **struts framework**.
* Exposed Survey API to other applications in DOE using **Apache Axis2**.
* Page design and development are done using **Oracle BPM**.
* Involved in implementing **JQuery** for providing interactive user interfaces.
* Written **Test cases** using **JUnit** to validate the application flows in different scenarios in the standalone application.

#### **Environment:**

JDK1.5, JSP, Servlet, EJB, Spring, JavaScript, Hibernate, JQuery, Struts, Design Patterns, HTML, CSS, JMS, XML, Eclipse, Apache, Oracle ECM, Mongo DB, Struts, Webservice, SOAP, ILOG, Web2.0, Oracle BPM, JSF, WSDL, Apache CXF, Apache Axis2, Apache Tomcat Server, SOA, PL/SQL, Oracle10g, UML, Weblogic, Junit.

**HSBC, Hyderabad India May 2013 –Aug 2014**

**Java Developer**

**Responsibilities:**

* Analyzing the business and functional requirements provided by the client.
* Worked on integration methodology and strategy including interface, data flow, and process flow.
* Used Hibernate for Object Relational Mapping (ORM) purposes for transparent persistence onto the Oracle 10g database using Hibernate Query language (HQL).
* Used Angular.js framework in developing various UI components.
* Worked on responsive design in making the application compatible with desktop, tablet, mobile and also developed tabbed pages.
* Worked on unit and integration testing of the application.
* Used JavaScript to develop the front-end of the application.
* Created SQL queries, used functions, procedures and triggers.
* Wrote Web Services SOA, (SOAP, WSDL) for address validations. Implemented advanced java API and core java for coding sophisticated business logic.
* Developed test suite framework and regression tests for rules and alerts engine, recovery engine, object manipulation functionality, import/export engine and user-defined function handling using JUNIT.
* Maintaining separate build in Maven for the module for easy integration to the portal build and configure with Jenkins.
* Wrote Jasmine unit tests using Karma to verify Angular.JS modules and JavaScript utility routines.
* Improved database performance by recognizing and rewriting slow queries.
* Solid deployment experience on the UNIX platform.
* Used Spring Framework to organize middle-tier applications.
* Developed server side REST style web services and called them from backbone collections.
* Developed presentation layer includes UI components, validations using HTML, applying styles using CSS, used JQuery to make Ajax calls.
* Used Declarative Transaction management system of Spring Framework and integrated it with JDBC and Hibernate transaction managers to customize transactional behavior
* Maintaining existing scripts and writing new scripts to automate the existing environment using Maven.
* Designed front-end based on Bootstrap templates and embedded forms verification with JavaScript together with Regular Expression.

**Environment:**

Java JDK1.7, J2EE, JavaScript, HTML, CSS, Log4J, UML, AJAX, WebLogic 10.3, Hibernate 3.0, Oracle 10g, SQL, PL/SQL, HTTP, HTTPS, Windows, Web Services, Unix, Bootstrap, SOA, SOAP, WSDL, SSO, SAML, IntelliJ IDEA, JUnit, XML/XSL, Maven, Spring 3.0

**Education: Bachelor in Electrical and Electronics Engineering, JNTUH university 2013**