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| **SHARATH CHANDRA**  **(515)-423-0034**  [**sharath.javadev@gmail.com**](mailto:sharath.javadev@gmail.com)  Sr. Java Developer |

**SUMMARY:**

* Over **5+** years of strong software experience in design, development and deployment of web-based and Client-Server business applications using **OOP, Java/J2EE technologies.**
* Expert in Various Agile methodologies like **SCRUM, Test Driven Development (TTD), Incremental** and **Iteration methodology, Agile Development** &**Testing using Software Development Life Cycle.**
* Expertise in developing **SOA** (Service Oriented Architecture), **REST** and **J2EE ++** based on **SOAP, WSDL, UDDI, JAX-WS, JAXB, JAX-RPC** using tools like **Apache Axis.**
* Extensive experience in designing professional UI web applications using front-end technologies like AngularJS, Node.js, Angular 2/4, HTML5, CSS3, JavaScript, jQuery AJAX, JSON and Bootstrap.
* Experience in Service Oriented Architecture (SOA), **Web Services Integrations**, **BPM, BPEL** and **ESB** using **WebSphere Process Server**, **ESB**, **Web Sphere Integration Developer**, **Data Power** and **WSRR.**
* Strong experience in Spring Framework modules such as **Spring MVC, IOC, AOP, JDBC, JTA, IO, Spring Dashboard, Spring Boot, Spring Microservices, Spring REST.**
* Proficient in frameworks like **Struts, Spring, JSF, AJAX frameworks** and **ORM** frameworks like **Hibernate**.
* Experience with Front end frame works with its components such as **AngularJS, jQuery, NodeJS, BackboneJS, ReactJS.**
* Experience in building UI technologies like **HTML5, CSS3, Bootstrap4** and scripting languages like **JavaScript, JQuery, AJAX, DOM, AngularJS, Angular2, Angular4 and ReactJS**.
* Used Jenkins as Continuous Integration tools to deploy the Spring Micro Services to PCF using build pack.
* Used Node.Js and JQuery for Dom manipulation**.**
* Expertise in **XML** technologies such as **XSL**, **XSLT**, **XML schemas**, **XPath, XForms, XSL-FO** and parsers like **SAX, DOM.**
* Strong experience with **MongoDB** development (reports, schema design, map reduce functions) and migrations from **SQL** relational databases to **NoSQL** databases like **MongoDB, Cassandra** and **CouchDB**.
* Experience in database modeling, design and development of **PL/SQLQueries, Stored Procedures, Triggers, Cursors, Functions and Packages** in relational databases: **Oracle 11g, SQL Server 2005/2008, DB2 and MySQL.**
* Experienced with Hibernate/JPA Entities for mapping HQL, HSQL Named Queries, Criteria, Projections.
* Developed applications using latest technologies **like Spring 3.x/4.x, Hibernate3.2/4.x, REST** based Web services **(Axis2.0, JAX WS 2.0, JAX RS), Rule Engines (Drools4.1, ILOG)**, **jBPM** tools.
* Experience in using ORM tools like Hibernate, **iBATIS,**Mybatis for XML mappings and Java Objects.
* Experience in software configuration management using **CVS**, **SVN, GitHub** and **IBM ClearCase**.
* Experience in working with web servers like **Tomcat 8, IBM WebSphere8.0, Jetty, JBoss 7.1.0** and **WebLogic 10.0**.
* Experienced in Middleware persistence frameworks like **Hibernate/JPA** Entities for mapping Java classes using **Hibernate Query Language (HQL), HSQL Named Queries, Criteria, Projections**.
* Hands on experience with build tools like **Ant, Maven, Gradle** and Logging tools like **Log4J** and **Splunk**.
* Proficient in using **Amazon Web Services (AWS).** Extensive experience focusing on services like **EC2, Elastic Beanstalk, CloudWatch, CloudFront, Cloud Formation, IAM, S3, RDS, ElastiCache, SNS, SQS, AMI.**

**TECHNICAL SKILLS:**

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| Programming Languages | **Java 1.8, SQL, PL/SQL** |
| Java/J2EE Technologies | **Servlets, JSP, JSTL, JDBC, JMS, JNDI, RMI, EJB, JFC/Swing, AWT, Applets, Multi-threading, Java Networking** |
| Application/Web Servers: | **Apache Tomcat 8.0, IBM WebSphere 8.0, JBoss 7.x, Oracle/BEA WebLogic 12.x/10.x/9.x** |
| Web technologies | **JSP, JavaScript, jQuery, AJAX, Angular JS, XML, HTML 5, CSS 3, ReactJS, BackBone.JS 1.3.1, Node JS 6.0.** |
| Frameworks | **Spring 4.3, Hibernate 4.3, Angular JS 1.0/2.0, Spring Security 3.2** |
| Web Services | **SOAP 1.2, REST 2.0, JAX-WS, JAX-RPC, JAX-RS** |
| IDE | **Eclipse, NetBeans 8.0.2, IntelliJ 2017.1, Spring Tool Suite (STS) 3.9.3** |
| XML Tools | **JAXB, Apache Axis, Altova XML Spy** |
| Methodologies | **Agile, waterfall, TDD (Test-Driven-Development), Scrum** |
| Modeling Tools | **UML, Rational Rose, Visio** |
| Relational Database | **Oracle 11g/12C, SQL server 2012/2014/2016, MySQL 5.7, DB2 11.1** |
| NoSQL Databases | **MongoDB, Cassandra, Couch DB** |
| Version Control | **CVS, SVN, Rational clear case, Git, BitBuket** |
| Build Tools | **Maven 3.3.9, Gradle 3.4.1, Ant 1.10** |
| Platforms | **Windows 10, UNIX, Linux** |

**PROFESSIONAL EXPERIENCE:**

**Client: Premier Health Care, Charlotte, NC**

**Title: Sr. Java Developer**

**Duration: Jan 2017 – Present**

**Description:** Premier is a United states-based company and this website includes content and material explicitly for the United States And North American market. This website also uses session cookies and 3rdparty applications such as Google Analytics, Facebook Pixel, Twitter, and other tools to provide an enhanced browsing experience.

**Responsibilities**

* Worked in an Agile Environment and participated in requirement gathering, analysis and design.
* Developed user interface using **HTML5, Angular 4, jQuery** and performed client-side validations using **Java Script, AJAX, JSTL** and **CSS** for making the Web Pages dynamic.
* Used **Bootstrap** and media queries to create a Responsive Webpage across different screen-sizes.
* Developed a Single Page Application which can switch to different components using **Angular 4** services to get data.
* Used **Ajax** for sending and retrieving data from server by giving URL to get **JSON** data for models and to populate models from the server, Used **AngularJS** to create views to hook up models to the **DOM** and synchronize data with server as a **SPA**.
* Used **AngularJS** to create Controllers to handle events triggered by clients and send request to server.
* Involved in the development of project back-end layer using by most of core java features such as **Collection frameworks, Interfaces, Multi-threading, and Exceptions.**
* Implemented Router Module of Angular 5 to make the whole project a Single Page Application and add routers,
* Involved in writing **Thread** Safe blocks for **multithread** access to make valid transactions.
* Implemented various features of **spring** framework such as **Dependency Injection**, **IOC**, **Annotations** and **Spring integration** with **Hibernate**.
* Integrated application with **Spring Security for form-based authentication and authorization** by using spring security.
* Implemented Micro-services using **Pivotal Cloud Foundry (PCF)** platform build upon **Spring Boot** Services.
* Implemented Reactive Form of Angular 5 to deal with form validation issues.
* Stored **authentication and authorization** detail in database, used these DB authorization detail with spring security annotation on method for apply method level spring security.
* Implementing or exposing the Micro services to base on **RESTful API** utilizing Spring Boot with Spring MVC.
* This functionality is implemented by developing RESTFUL web services using **Spring boot, Spring RESTFUL template.**
* Created and Consumed Web Services using **Restful & SOAP** web services.
* Experience in working with **Spring Quartz framework** and developed various quartz jobs.
* Worked on **Microservice** architecture with **Spring Boot** based services interacting through a combination of **REST** and **Apache Kafka**, **Zookeeper** to establish communication between the **Microservices** in the application environment.
* Implemented **Microservices** architecture with **Netflix, Spring Eureka, Spring Ribbon** using **Spring Boot** to provide client-side load balancing in calls to another **Microservices** for making application in to smaller chunks and the **Spring Hystrix** as circuit breaker and for the fail-safe
* Deployed **Docker** contained Spring boot micro services in to **AWS EC2** container service using AWS admin console and used **lambda** to run applications in AWS console.
* Implemented **Swagger** for the Rest API. I have good experience in **Docker** to deploy applications quickly, setup CICD pipeline and I have used **Docker** consoles for managing the application life cycle and monitored on **Git**.
* Experience with building **Docker** Images and running them on **Docker** container.
* Configured and Maintained **AWS ECS** Repository for Deploying **Docker** Image by Creating a task definition, scheduling tasks and configuring clusters in the **AWS ECS** Console, Experience In setting up of **AWS RDS** and **Dynamo DB** instances.
* Developed SPAs, components using Angular 4 directives, controllers, view and routing, service modules.
* Developed code with Java SDK to connect with **AWS Services**. Worked with S3 for storing and retrieving data stored in the S3 bucket's, **AWS SQS** for bulk email processing, Data backup and archiving on AWS using S3 and Glacier and Dynamo DB to store the data for metrics and backend reports.
* Used **AWS** SDK for connection to **AmazonS3** buckets as it is used as the object storage service to store and retrieve the media files related to the application.
* Implemented Continuous Integration of **automation framework** using tool **Jenkins**
* Used **Log4j** for logging and debugging and used JUnit extensively for testing.
* Database development required in creation of new tables, **PL/SQL stored procedures**, **functions**, **views**, **indexes** and **constraints, triggers** and required SQL tuning to reduce the response time in the application.
* Used **Mockito** Framework for **JUnit**.
* Implemented Continuous Integration of **automation framework** using tools like **Jenkins**.
* Integration of **automation** batch run job with **Jenkins**. Worked with Jenkins Continuous Integration(CI) tool.
* **Deployed the application on Tomcat 8.0 application server.**

**Environment: Java 8, Spring 3.5, Hibernate 4.2, Spring batch, Spring quartz, Spring security, Spring Jta, Spring Boot, JPA, Java Scripts, AngularJS 4.0, HTML5, CSS, JMS, AWS (S3, VPC, EBS, ELB, Auto Scaling, Cloud Watch, Cloud Trail, IAM, SNS, SQS, RDS, DynamoDB), Tomcat Application Server 8.0, Eclipse, SOAP, Restful, Maven, log4j, JUnit, XML, Splunk, SVN**

**Client: United Telecom Limited, Bangalore, India**

**Role: Jr. Java Developer**

**Duration: Jan 2014 – Dec 2016**

**Description:** United Telecom Limited is an Indian company which specialize in networks of telecommunication which is based in Bangalore India.

**Responsibilities:**

* Developed the **J2EE** application based on the **Service Oriented Architecture.**
* Developed using new features of **Java 1.8**  like Annotations, Generics, enhanced for loop and Enums.
* Involved in writing **Thread** Safe blocks for **multithread** access to make valid transactions.
* Used **DAO pattern** to fetch data from database using **Hibernate** to carry out various database.
* Used **Hibernate Transaction Management, Hibernate Batch Transactions, and cache concepts.**
* Created **session EJBs** that retrieved information from the Oracle database using **Hibernate**.
* Defined **Action Forms, Model Components** using **Struts MVC** framework providing very clean division between controllers, flexibility with the use of interfaces and providing thin web layer over business layer.
* Developed various generic **JavaScript functions** used for validations.
* Developed Pharmacy Management RESTful APIs using Microservice architecture interacting through a combination of Apache Kafka, Zookeeper message brokers and **Pivotal Cloud Foundry (PCF).**
* Developed user interface with HTML5, CSS3, SAAS, JSON, AJAX, Angular 4 and Type Script.
* Developed screens using **JSP**, **JavaScript**, **AJAX** and **Ext JS.**
* Used **AJAX** extensively to implement front end /user interface features in the application.
* Exposed the **Web Services** to the client applications by sharing the WSDL’s.
* Created logical and physical data models putting to practice, concepts of **normalization** and **RDBMS.**
* Database development required creation of new tables, **PL/SQL stored procedures**, **functions**, **views**, **indexes** and **constraints, triggers** and required SQL tuning to reduce the response time in the application.
* Followed Agile SCRUM methodology and used Test Driven Development (**TDD**).
* Used **Rational Application Developer (RAD)** which is based on **Eclipse,** to develop and debug application code.
* Used **Log4j** utility to generate run-time logs.
* **CVS** was used for project management and version management.
* **Deployed the application on WebSphere 7.0 application server.**
* Developed Functional Requirement Document based on users’ requirement.

**Environment: J2EE, Spring framework, Spring MVC, iBatis 2.2, JSP 2.0, JSF, Servlets 2.3, JDBC, AJAX, Web services, SOAP, XML, Java Beans, XStream, Apache POI, Ext JS, jQuery, JavaScript, Oracle 10g, IBM RAD, WebSphere 7.0,Data Grid, Agile Methodology, TDD, Selenium, Design Patterns, CVS, Apache Maven, JUnit, HTML, XSLT, HTML/DHTML.**