Sowmith N

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**PROFESSIONAL SUMMARY:**

* 7+ **years of** experience in all phases of **Software Development Life Cycle** including Analysis, Design, Development, Implementation and Testing of business applications using **AGILE SCRUM** methodology.
* Experience with**Angular JS MVC Framework/Angular 2/4** including authoring complex directives, services, components, controllers and filters working with animations, routing and states.
* Extensively worked on coding using core java concepts like **Multithreading**, **Collections**, **Serialization, Synchronization, Exception Handling, Generics** and **Database Connections**, as well in **Java8** features like **lambda** functions.
* Extensive experience using **Angular2/4** and **Typescript** to build the Components in Application. Strong experience in Server and client side using **HTML, CSS,** **JavaScript, JQuery, Ajax, AngularJS, Bootstrap** and scripting languages like **Backbone, Angular JS, Angular2/4, ReactJS, NodeJS.**
* Strongly experienced with **Spring, Spring Data, Spring Integration, Spring Data-RS, Spring Security**.
* Thorough knowledge in implementing the declarative enterprise services using **Spring AOP** and implementation knowledge on **spring web flow** to manage the application page flows.
* Proficient in persistence frameworks **Hibernate, JPA,** to map **POJOs** to a relational database and using **Hibernate Query Language (HQL)**.
* Testing of 3-tier and n-tier component based applications using Java Scala Groovy, Ruby and J2EE technologies.
* Expertise in **XML** technologies like **DTD, XSD, XSLT** and various parsers like **DOM, SAX and JAXB.** Highly skillful in developing **Web Services**, related technologies &frame works**: WSDL, SOAP, RESTful, JAX-WS, JAXB, JAX-RPC, AXIS & Jersey.**
* Expertise in **Database design** (RDBMS), programming, implementation and development using **MySQL, MS SQL server, DB2, Oracle,** experienced in working with **NoSQL** Database like **MongoDB, Cassandra.**
* Worked using various IDE Tools like **Eclipse, NetBeans, JBuilder, Rational Application Developer (RAD)**for Java/J2EE application development. Configured and managed Server infrastructure development on **AWS** Cloud, extensive usage of **EC2, S3, SNS.**
* Solid experience in handling web and application servers in **creating Domain**, configuring connection pool, JMS, **deploying applications on WebLogic**, **WebSphere, Apache Tomcat, Glassfish** and **JBoss.**
* Extensive experience working with **Selenium, JUnit, TestNG** testing tools and Automation framework for implementing Page Object Model, using java, **Python**, **Selenium WebDriver and Cucumber.** Strong Experience in building tools like **ANT, Maven**.
* Expertise in using Version Control tools like **CVS, SVN, GIT** for Source Code version management.
* Excellent Written, Analytical Skills, Verbal Communication skills with a customer service oriented attitude and worked with the offshore team as onsite coordinator to provide the update on the daily basis.

**TECHNICAL SKILL SET:**

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| **Languages** | Java, JavaScript, C, C++, PL/SQL. |
| **J2EE Technologies** | Servlet, JSP, JDBC, RMI, JNDI, JSTL, Web Services, EJB, Tiles. |
| **Web Technologies** | HTML/HTML5, CSS/CSS3, JavaScript, JQuery, Bootstrap, AJAX, AngularJS, Angular 2/4, RESTful, SOAP, JSON, XML. |
| **Frameworks** | Spring, Struts, Hibernate, JSP, JUnit, Log4J, J2EE Design Patterns. |
| **Spring Modules** | Spring Core, Spring JDBC, Spring MVC, Spring Security, Spring Boot, Spring ORM, Spring Web, Spring Data. |
| **Web/Application Server** | Tomcat, IBM Websphere, JBoss, Weblogic Server. |
| **Cloud Technologies** | AWS, EC2, Microsoft Azure, Google Cloud. |
| **Database Technologies** | SQL, MySQL, SQL Server, PL/SQL, DB2, ORACLE 9i/10g/11g, MongoDB, Cassandra |
| **Build Tools/ Utilities** | Maven, Gradle, ANT, Jenkins, Hudson. |
| **Operating Systems** | Windows, Linux, Unix. |
| **Designing Tools** | Microsoft Visio, Rational Rose, XML Spy. |
| **Version Control Tools** | CVS, SVN, GIT. |

**PROFESSIONAL EXPERIENCE:**

**Client: Assurant Solutions, Wayne, PA. Sep 2016 - Present**

**Role: Sr. Java/J2EE Developer**

**Description**: Sales automation deals with the Inventory & Material management, Order Processing and print schedules. The front-end provides user-friendly interfaces, Invoice report generation and Pending Order processing information. Inventory system covers the processes of raising requirement, calling for quotations, processing quotations, placing purchase order, tracking the purchase order, tracking the payment, receiving the material, stocking the material and issue of the material.

**Responsibilities:**

* Responsible and mentored the team in complete software development lifecycle **(SDLC)** tasks like designing, coding, testing, and documentation using **Rational Unified Process (RUP)** for analysis and design of application.
* Worked on **Spring IoC**, **Spring MV**C framework, Spring Messaging Framework and **Spring AOP** to develop application service components.
* Implemented business logic in Middle Tier using **pluggable components**, which were specified in the customized **XML documents** using **Spring framework**.
* Designed and developed the UI using **Spring view component, HTML, CSS** and **JavaScript, React JS, Node JS, AJAX, JSON**.
* Improved department process by designing and implementing a Groovy/Grails/JavaScript application for project activity planning activities.
* Developed Dynamic web pages using **Struts framework** along with **JSP, Servlets, HTML, CSS, ReactJS, JQuery, Angular JS and JavaScript.**
* Implemented few **front-end functionalities** using **Angular 4** and consuming the **JSON** data received using **AJAX** calls from the back-end part of the application.
* Created different **Angular directives** which are used across the different templates in the **Single Page application** and performed client-side UI Validation and implemented logicbased on user selection using **Angular 4.**
* Created **Hibernate configuration file, Hibernate mapping files** and defined persistence classes to persist the data into **MySQL Database**.
* Worked on advanced Hibernate associations with multiple levels of **Caching, lazy loading**.
* Developed **Rest API** using **Node-JS** with various modules in node like **express, sequalize, underscore, body-parser** etc.
* Designed and developed **Spring** and **REST** based **Micro** **Services** using the **Spring Boot**, also developed **RESTful webservices** with **JAX-RS** using **Spring Boot** and **Micro Services** Architecture.
* Implemented **Microservices** architecture using **Spring Boot** for making application smaller and independent
* Developed & Implemented **OAuth2** functionality with Spring Security to secure the **REST services/REST API** for authentication & authorization and generate & validate the tokens for REST clients to protect the **REST** services.
* Designed **DevOps** workflow for multiple applications by orchestrating Test, Build, Release and Deploy phases through various **CI/CD** pipelines using **Git, Jenkins, Docker & Cloud** formation tools.
* Hands on Involvement with **Amazon Web Services (AWS)** including **EC2,** Elastic Load-balancers, Elastic Container Service (Docker Containers), **S3, RDS, DynamoDB, VPC, Direct Connect, Route53**, **Cloud Watch, Cloud Formation**.
* Used **Hudson** as the build tool and **Ant** tool to setup and configure continuous build and deployment process.
* Developed **Message Driven Beans (MDBs)** for receiving and processing data from **IBM MQ Series** using **JMS**.
* Used **Log4J** to capture the log that includes runtime exceptions and performed validations using **JUnit** **framework** for Unit testing of application.
* **Used SVN** for version control and deployed the application on **IBM Web Sphere/RAD.**

**Environment:** Java8, J2EE, Spring, Spring Boot, Microservices, Hibernate, XML, RESTful Webservices, CI/CD,

Struts, HTML, CSS, JavaScript, AngularJS, ReactJS, Angular4, NodeJS, Groovy, AJAX, JSON, JQuery, REST, SQLPL/SQL, MySQL, Jenkins, Log4j, IBM WebSphere, Hudson, Ant, SVN.

**Client: Edward Jones, St Louis, MO Apr 2015 – June 2016**

**Role: Sr. Java/J2EE Developer**

**Description**: Edward Jones is a financial service firm that offers commission-based and fee-based financial products. The clients of Edward Jones receive numerous statements regarding their investments, portfolios, insurance and savings every month/quarter. This application provides the options to choose the duration cycle, type of statements, accessibility, personal/household etc. It allows the user to change these options anytime according to their requirements and this application tracks the changes and notify the authorized person by e-mail. This application is very GUI centric and easy to read/understand screen. This is part of much bigger Account Access application. Once the user logs into their account, they have multiple links throughout the account to easily access statement options.

**Responsibilities:**

* Worked on complete life cycle of **software development**, which included new requirement gathering, redesigning and implementing the business specific functionalities, testing and deployment of the project.
* Implemented the **Spring framework** for managing navigation and page flow and used design patterns like **Session Facade, Delegator** and **MVC** for back end tier development.
* Developed discount generation Services using **Spring AOP** and **Dependency Injection (IOC)**.
* Used **Hibernate** as ORM tool to store the persistence data into SQL and Involved in writing **Hibernate mapping files** and configuration files.
* Created connections to database using **Hibernate Session Factory**, used Hibernate **API**s to retrieve and store data with Hibernate transaction control.
* Involved in software development life cycle including analysis, design, development, Spock testing, refactoring and documentation of the application using Groovy.
* Performed application development using **RAD** and **WebSphere Application Server (WAS).**
* Developed **GUI** using **Angular4, HTML/HTML5, AJAX, ReactJS, NodeJS,** **CSS** and used **JavaScript** validation framework for performing front end validations.
* Created **CI/CD** pipelines and setup auto trigger, auto build and auto deployment with the help of the **CI/CD** tool like **Jenkins** and configured multiple jobs on **Jenkins** with different plugins for **SCM**, **Unit testing, code analysis, release, deployments**.
* Hands on Involvement with **Amazon Web Services (AWS)** including **EC2,** Elastic Load-balancers, Elastic Container Service, **S3, RDS, DynamoDB, VPC, Direct Connect, Route53**, **Cloud Watch, Cloud Formation**.
* Worked on implementing directives and scope values using **Angular2** for an existing webpage and developed server-side **RESTful** services.
* Designed and built the **REST** Web Services using spring and then consumed the web services in **Angular 2** using http methods like **GET** and **POST and** tested with **Postman** tool.
* Worked closely with the testing team in creating **new test cases** and created the use cases for the **module** before the **testing phase**.
* Developed Automation framework implementing Page Object Model, using java, **Python**, **Selenium WebDriver and Cucumber.**
* Developed **SQL, PL/SQL** with **Stored Procedures** to interact with Persistent database using **SQL** **Server**.
* Used **Hudson** as the build tool and **SVN** for version control and **Ant** tool to setup and configure continuous build and deployment process.
* Engaged with **Eclipse** for visually designing, constructing, testing and deploying **J2EE** application and web services.

**Environment**: Core Java, J2EE, JDK, Spring, Hibernate, JDBC, RAD, WebSphere, Angular2, Angular4, HTML,

CSS, AJAX, NodeJS, JavaScript, JQuery, REST, Groovy, RESTful, XML, XSLT, JAX-RS, SQL, PL/SQL, Tomcat, Eclipse,

Ant, Hudson, SVN.

**Client: AT&T, Middletown, NJ Apr 2014 – Feb 2015**

**Role: Mid-level Java/J2EE Developer**

**Description:** Customer Service Representative Tool (CSR tool). AT&T is a leading American multinational telecommunications corporation with a huge subscriber base. This project involves the idea of developing a Customer Service Representative Tool (CSR tool), which enables the customer service representative to fulfill customer's requirement in an efficient manner and Interact with customers to provide information in response to inquiries about products and services and to handle and resolve complaints. CSR tool fully loads the data which is related to the existing customer with the ease of using the phone number of the caller.

**Responsibilities:**

* Involved in all the phases of **SDLC** like Analysis, Designing and estimating time of the project and fixing the requirements gaps in the payment center redesign.
* Worked on **Spring IoC**, **Spring MV**C framework, Spring Messaging Framework and **Spring AOP** to develop application service components.
* Designed and developed the UI using **Spring view component, HTML, CSS** and **JavaScript, Angular JS, AJAX, JSON**.
* Developed Action classes, Action forms, validate methods, struts-config.xml file using **Struts** and used various **struts tag libraries**.
* Used **JavaScript, JQuery** and **Ajax API** for intensive user operations and client-side validations.
* Primarily focused on the spring components such as **Spring MVC, Dispatcher Servlets, Controllers, Model** and created **Enterprise Java Beans (EJB**).
* Implemented **Hibernate Queries** using **Hibernate Query Language (HQL)** and **Hibernate criterion queries** to execute queries against database.
* Created **Hibernate mapping files** to develop Database tables from Classes and generation of database schema.
* Developed an **AngularJS** workflow manager leveraging **Angular-UI**'s state router for flexible configuration and management of **multi-step** user input flows.
* Implemented few **front-end functionalities** using **Angular JS** and consuming the **JSON** data received using **AJAX** calls from the back-end part of the application.
* Used **SOAP** Web Services (JAX-WS) for inputting rate summary, also used **WSDL** and **SOAP** messages (XML technologies) for getting data from different module.
* Used **Oracle** 11g as Databases and Wrote **SQ**L Queries and stored procedures for data manipulations with the Oracle database.
* Developed and consumed asynchronous messaging using **Java Message Service (JMS)** for **FTP** between multiple applications according to the business life cycle.
* Developed Use Case Diagrams, Object Diagrams and Class Diagrams in **UML** using **Rational Rose**
* Developed **Ant** Scripts for the build process and deployed in **EAP** Server.
* Used **CVS** for version control, ClearQuest for bug tracking along with handling Client change requests and enhancements.
* Modified **Log4j** for logging and debugging and developed the pom.xml using **Maven** for compiling the dependencies.

**Environment**: Java, J22EE, Hibernate, Struts, Spring MVC, XML, SOA, SOAP, WSDL, JavaScript, JQuery, HTML, CSS, AngularJS, AJAX, JSON, Oracle, IBM WebSphere, WebLogic, Maven, Ant, Eclipse IDE, CVS, Log4J, JUnit, JMS, Rational Rose.

**Client: Anthem Inc - Richmond, VA Jan 2013 – Feb 2014**

**Role: Jr. Java Developer**

**Description:** Anthem Inc., is a health insurance provider company. The company provides wide-range of health care products including dental, vision, disability and Medicare. The client requested business solution to maintain the client information. The system is comprised of managing client's application portfolio through centralized database to connect with appropriate healthcare professionals. Further it enabled the patients to choose providers according to their previous medical history, preferences, insurance history or various medical-related details.

**Responsibilities:**

* Involved in various phases of **Software Development Life Cycle** (SDLC), developed the application in **RAD** (Rational Application Developer) following **Agile** and **Scrum methodologies**.
* Extensively used **Hibernate** in data access layer to access and update information in the database.
* Developed **Spring** and **Hibernate** based multi- tier Web Application.
* Created and maintained the configuration of the **Spring** Framework Involved in configuration of **Spring MVC, E-mail, File-Upload**, and Integration with **ORM Framework** (Hibernate).
* Used **Hibernate, O**bject/**R**elational-**M**apping (ORM) solution, technique of mapping data representation from MVC model to Oracle Relational data model with a SQL-based schema.
* Developed User Interface screens using **JavaScript, Angular JS, HTML, CSS, JSON** and consumed **Bootstrap** components that are compatible for different browsers.
* Developed **SOAP** based Web Services for Integrating with the Enterprise Information System Tier.
* Implemented **Maven** Script to create **JAR, WAR, EAR**& dependency JARS and deploy the entire project onto the Web Logic Application Server.
* Implemented **log4j** for logging purposes and debug the application.
* Used **CVS** for efficiently managing the source code versions with the development team.
* Prepared **JUnit** test cases and executed the test cases using JUnit in eclipse.

**Environment**: Java, J22EE, JSP, Servlets, Hibernate, Spring MVC, WSDL, JavaScript, JQuery, HTML, CSS, BOOTSTRAP, AngularJS, AJAX, JSON, XML, SOA, SOAP, Oracle, WebLogic, Eclipse, CVS, Log4J, Maven Junit.

**Client: SNS Technologies, Bangalore, India June 2011 to Oct 2012**

**Role: Jr. Java Developer**

**Description:** This software is a dynamic utility used by auditors to carry the post audit of expense reported by SNS employees in System. The software provides an Interface for the post Audit auditors to cross- check/mark-up the submitted expenses with respect to rules/points set by the management to check the validity of the expense. Further based on the audited details, Excel report of exceptions is generated which is forwarded to Management to take the remedial action.

**Responsibilities:**

* Extensively involved in **requirements gathering** and **analyzing** them, **checking the dependencies** and **design** of the project.
* Implemented **user interface** guidelines and **standards** throughout the development and maintenance of the website using **HTML, CSS, AJAX, JavaScript** and **JQuery**.
* Designed and developed User Interface using **CSS, HTML** and **JavaScript**. Used **JavaScript DOM** manipulation and **JavaScript** event to generate the data result in **UI**.
* Implemented the application using **Spring MVC** Framework by implementing Controller, Service classes.
* Used **UML** and **Rational Rose** for making class diagrams and sequence diagrams.
* Performed client-side validations using **Java script** and server-side validation using **spring validator** framework.
* Created and maintained the configuration of the **spring** application frameworks **IOC** container
* Developed front end controller in **Servlet** to handle all the requests.
* Created **Hibernate data mapping**, data persistence and transaction management.
* Developed **Hibernate HQL** queries and **Hibernate DAO** implementation for database connectivity.
* Implemented application database objects Stored Procedures and Views using **SQL** and **PL/SQL** to interact with database.
* Developed an own realm for **Apache Tomcat Server** for authenticating the users.
* Configured and created application log files using **Log4j** required to trace application messages.
* Used **Maven** tool to build the application and Used **SVN** for version control.

**Environment**: Java/J2EE, OOD, JSP, JavaScript, HTML, CSS, AJAX, JQuery, Angular JS, JDBC, XML, Servlets, Spring, Hibernate, Struts, Servlets, Log4J, Maven, Oracle, SVN.