**Name: Amit Singh**

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**Professional Summary:**

* Over **7+ years** of IT experience in Analysis, Architecture, Development, Implementation and Integration of **Client-Server** and **Web/Enterprise** applications using **J2SE/J2EE**
* Proficient in all phases of **SDLC** (analysis, design, development, testing and deployment) and highly competent in gathering user requirements.
* Experienced in **Object Oriented Programming, Database, Data Structures** and **Problem Solving Algorithms**.
* Experience in IT industry as a **Full Stack Java Developer** with proven expertise in **Automation in Software development** involving **Cloud computing** platforms like **Amazon Web Services (AWS)**
* Experience in developing web-based enterprise applications using **Java, J2EE, Servlets, JSP, EJB, JDBC, Hibernate, Spring IOC, Spring AOP, Spring MVC, Spring Web Flow, Spring Boot, Spring Security, Spring Batch, Spring Integration, Web Services (SOAP and REST) and ORM frameworks like Hibernate.**
* Experience in Front-End **UI** technologies like **HTML5, CSS3, Bootstrap, JavaScript, jQuery, Ajax, AngularJS, Node JS.**
* Experienced in **J2SE, J2EE**, **JDBC,Servlets**, **JSP, Java Beans, ORM - Hibernate, Maven**, **MVC**, **JSP**, **Struts**, **Spring Frameworks**, **Java Swing**,
* Experience working with JavaScript **MVC/MVVM** frameworklike **AngularJS, Angular and React.**
* Extensively used Node.js tools tool like **Gulp, Grunt, Web pack** and used popular Node.js framework like Express and **Resitfy** to mock a **RESTful API**
* Experienced In **JavaScript, Ajax, CSS and HTML.** Experience of using **HTML4/HTML5/DHTML, XHTML, JavaScript, AngularJS, Angular2, Angular 6/8/9, NodeJS, ReactJS 14 and 16, TypeScript, Bootstrap 3.x & 4.x, jQuery, JSON, XML**.
* Experienced with Cloud Computing environment like **Amazon Web Services (AWS), Spring Cloud**.
* Experience in **AWS** Cloud Platform and its features which include **Elastic Cloud Compute** (**EC2**), **Simple Storage Service** (**S3**), **Route 53,** and **Auto Scaling Group (ASG)**. **ELB and Elastic Block Storage** (**EBS**)  **for installing and configuring**
* Experience in working on various **spring** modules **(Spring MVC**, **DAO** and **AOP)** along with **Hibernate** as the back-end ORM tool for implementation of persistence layer and mapping of POJOs.
* Proficiency in **Hibernate** and the **O/R mapping** to map Java domain objects with the database, spring framework to easily configure J2EE applications.
* Strong experience in **XML** related technologies including **XSD, DTD, XSLT, XPATH, DOM, SAX, JAXP, JAXB, XML-RPC** and **XML Beans**.
* Experience in Spring **AOP** (Aspect-oriented Programming), Spring **MVC**, **Spring** **Security(OAuth)**, **Spring** **Boot 3.x/2.x**, **Spring** **Data JPA** and **Spring** **Batch**
* Strong experience in **MVC architecture** and design implementation using **Servlet and JSP** as well as open source frameworks such as **Struts** and **Spring MVC**.
* Experience in Implementing Service Oriented Architectures (SOA) with **JSON** based Web Services (**RestFul**).
* Experience in writing **ANT, Maven** build scripts and configuring them using **Log4j** and writing **JUnit** test cases.
* Experience in **SQL**, **PL/SQL** to write **Stored Procedures**, **Functions**, **Triggers**, **Views** and strong experience in RDBMS using **Oracle 11g/10g/9i/8i**, **SQL Server** and **My-SQL**
* Good working experience with **Java Beans, POJOS, Tag libraries** and **expression language** to embed dynamic content into JSP pages.
* Experience on **OOP** (Objective Oriented Programming) like **Inheritance, polymorphism, Abstraction and Encapsulation.**
* Experienced in creative and effective front-end development using **JSP**, **Java Script**, **Angular.js,** **HTML** and **CSS**.
* Good exposure and experience with **Service Oriented Architecture (SOA) such as Web Services including SOAP, WSDL, JMS (Java Messaging Service), AJAX** and tools like **ANT, Junit.**
* Experience in **UML Modeling**, Rational Rose and **Design Patterns** (J2EE) like Singleton Factory Method, DAO, Session Facade, Front Controller, and Delegate Pattern.
* Experience in using web/App servers like **Weblogic,** **WebSphere, JBoss and Tomcat** servers based on the client requirement and project specifications.
* Good Exposure in writing SQL queries, PL/SQL stored procedures/functions etc for relational databases like **Oracle, SQL Server 2012, MySQL, and Sybase** etc.
* Experience in implementation and Administration of **Data Guard for disaster and recovery** setup.
* Experience working with **Waterfall** and **AGILE** methodology. Worked on **Maven** based projects and have good understanding of build tools (**MAVEN**) and project management tools (**SVN,GIT,BITBUCKET**).
* Experience in using Open Source Frameworks like **JUnit and Log4J,slf4j**.
* Good knowledge in Analysis and Design using Unified Modeling Language **(UML**) and strong experience on **agile** methodologies.
* Experience in writing **CI/CD** process with using **Jules/Jenkis** build tools build **Micro Service** applications to deploy various environments.
* Excellent interpersonal communication, analytical skills and have an ability to work in a team as well as independently.

**Technical Skills:**

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| **Languages** | C, C++,Java (5,6, 7, 8), SQL, PL/SQL,UML 2.0 |
| **Java/J2EE Technologies** | Servlets, JSP, JSTL, JDBC, JSF, JavaBeans, MVC, RMI, ANT, MAVEN, Log4j, XML, JAXP, DOM, JNDI, JUNIT, Web services, Multithreading, JTA, Custom Tags |
| **Web Technologies** | HTML, DHTML, JavaScript, JQuery, CSS, AJAX, DOJO, XML, Web Services. Angular JS, Angular2, Angular4, Angular5, Angular6, Angular7, Node JS, JQuery, Typescript, React |
| **Frameworks** | Spring, Hibernate, JPA, Spring Core, Spring ORM, Spring MVC, Spring AOP, Spring Boot |
| **AWS Services** | PC, IAM, S3, Elastic Beanstalk, CloudFront, Redshift, Lambda, Kinesis, DynamoDB, Direct Connect |
| **UML Tools** | Visual Paradigm, Rational Rose, MS Visio |
| **IDE’s** | Eclipse, NetBeans, IntelliJ, Webstrom |
| **Web/Application Servers** | Web Logic, Apache Tomcat, JBOSS and IIS |
| **WebService Technologies** | SOAP, REST(JAX-RS,JAX-WS) |
| **Version Control Tools** | GIT, Visual Source Safe, CVS, Tortoise SVN |
| **Methodologies** | Agile-Scrum, Waterfall, V-Model |
| **Database Environments** | Oracle, SQL Server, MySQL |
| **DB Client tools** | Toad for Oracle, Toad for MySQL, Toad for DB2, Toad for MS-SQL, ERWin, Altova Database Spy, MySQL Workbench, |
| **Operating Systems** | Windows, Linux, UNIX |

**Professional Experience:**

**Client:** **Community Health Choice Houston, TX Aug 2019 – Till Date**

**Role: Sr. Full stack Java Developer**

**Responsibilities:**

* Involved and understood the Development of reporting system using  **spring, Hibernate and Web Services.**
* Developed the applications using **Java, JSP, J2SE, JDBC, Servlets, WebServices, HTML and JavaScript etc.**
* Worked on **Jenkins** file with multiple stages like **checkout a branch,** **building the application**, testing, pushing the **image into GCR**, **Deploying to QA3**, **Deploying to QA9**, Acceptance testing and finally Deploying to Prod
* Responsible for **Setup** and build **AWS** infrastructure using resources **VPC, EC2, S3, RDS, Dynamo DB, IAM, EBS, Route53, SNS, SES, SQS, CloudWatch, CloudTrail**, **Security Group, Autoscaling** and **RDS** using **CloudFormation** templates.
* Involved in design and development of server side layer using **XML, JSP, JDBC, JNDI, EJB and DAO** patterns using **Eclipse IDE.**
* Extensively used the **Java swings** components.
* Used **Spring boot,** **Spring MVC** and Hibernate to implement RESTful web-service and web applications, Spring Security for authorization using Tokens, and **Hibernate/JPA** as persistence layer.
* Used **Spring boot** to collecting the data from users and packaged the data as **JSON** distributed to applications.
* Involved in implementation of **Spring MVC framework** and developed **DAO** and Service layers. Configured the controllers, and different beans such as **Handler Mapping, View Resolver etc.**
* GUI development using **Java** **Swing and Eclipse RCP.**
* Played a role in application enhancement using **Spring MVC** framework.
* Skilled in multi-threading, design patterns and **Java Swing MVC** architecture.
* Created and implemented database operation in HQL using **Hibernate.**
* Designed and developed various modules of the application with frameworks like **Spring MVC, Web Flow, architecture** and **Spring Bean Factory** using **IOC and AOP concepts**.
* Design and develop the useful micro services using **Spring Boot.**
* Implemented and tested the enterprise application with **jQuery, Angular.js** and **Spring MVC**.
* Involved in **Java multithreading** to cascade multiple changes on multiple records in only one transaction and developed a batch process framework.
* Used **Core Java** to implement the provided UML diagrams.
* Used **JSF framework** with **AJAX** in developing user interfaces using JSF UI Components, RIA components, Validator, Events and Listeners.
* Involved in creating the **Hibernate POJO** Objects and mapped using **Hibernate Annotations**.
* Involved in the implementation of DAO using **Spring-Hibernate ORM**.
* Involved in development of **WebServices** using **JAX-WS.**
* Developed Exception handling code to recover from DB specific, Application specific, Business and Non-business logic specific exceptions.
* Used **JBoss** and **WebSphere** as an application server to deploy the code.
* Used **HTML 5,** **Angular 8** and CSS/Bootstrap to design the front end components.
* Involved in creating and extracting data from database using **SQL Queries, PL/SQL Stored procedures, triggers, packages** on **Oracle** database**.**
* Involved in using Tortoise SVN as a version control tool**.**

**Environment**: J2EE 8, Spring , Hibernate, EJB, JMS, Spring Boot, SOAP, HTML, XML, JavaScript, Angular.js, log4j, PL/SQL, Eclipse, **Java** **Swing ,**JBOSS, Multi Threading, WebSphere, Tortoise SVN, Maven, Junit, Agile, Oracle and Windows.

**Client: OneMain Financial Evansville, IN Nov 2017 – Jul 2019**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Involved in the development of use case documentation, requirement analysis, and project documentation.
* Involved in all phases of Software Development Life Cycle (**SDLC**) of the project including Requirement Analysis, Designing, Build/Construction, Unit/Assembly Testing and Deployment.
* Used various **Core Java** concepts such as Multi-Threading, Exception Handling, Collection APIs to implement various features and enhancements.
* Involved in building the application which works on mainly **Groovy grails, Html, Css, Rest services, Java script, Spring, Maven, Hibernate.**
* Developed GUI using **JSP**, **JavaScript** and **CSS**.
* Extensively involved in infrastructure as code, execution plans, resource graph and change automation using **Terraform.**
* Involved in creating a styling framework for the web pages using **CSS** Bootstrap along with Grids, Pagination, Dialog box, Carousel, Form, Navbar and Table.
* Proficient with **Java Swing**, AWT, SWT, **JBoss** and **Hibernate.**
* Configured **Kafka** to read and write messages from external programs.
* Configured **Kafka** to handle real time data.
* Developed REST API's using Spring MVC and Spring boot , hosted all micro services on PCF .
* Using **PCF** did smoke tests , which are functional unit and integration tests on all major system components.
* Used **Angular4/Angular6** as a framework to create a Single Page Application (**SPA**) which can bind data to specific views and synchronize data with a server.
* Converted a monolithic app to microservices architecture using Spring Boot using 12 factor app methodology. Deployed, Scaled, Configured, wrote manifest file for various **Microservices** in **PCF**.
* Worked with **Angular4/Angular6** forms and validations to validate the user input.
* Actively involved in using **Angular6**, **Angular4, Typescript, Bootstrap** and **HTML5** to enable the client-side date to meet specific criteria by applying various validation variables.
* Implemented Angular components for UI services to consume **REST** services using Component-based architecture by providing **Angular4**.
* Used **AJAX** for Client-side validations.
* Worked in using **React JS** components, Forms, Events, Keys, Router, Animations and Flux concept.
* Used **Maven** project management tool for build and deployment of the application.
* Created **AWS** Security Groups for deploying and configuring **AWS** EC2 instances.
* Created snapshots to take backups of the volumes and also images to store launch configurations of the **EC2** instances.
* Extensively used the WSAD for writing and **debugging** the code.
* Creating **S3** buckets also managing policies for **S3** buckets and Utilized **S3** bucket and Glacier for storage and backup on AWS.
* Developed Log4j logs to record the application events to provide the debugging, monitoring and auditing capabilities to the application.
* Used **Spring Boot** which is radically faster in building cloud **Microservices** and develops **Spring-based** applications with very less configuration.
* Used Jenkins and pipelines to drive all **MicroServices** builds out to the Docker registry and then deployed to Kubernetes, Created Pods and managed using **Kubernetes**.
* Developed **MicroService** to provide Restful API utilizing **SpringBoot** with various data persistence.
* Automated the HTML and JSP pages indexing process of search module using the **Maven** tool and singleton design pattern.
* Involved in writing the database integration code using **Hibernate**.
* Developed a **RESTful** web API using **Spring Boot**. Spring Data is used to communicate with MongoDB.
* Worked with **MySQL** for database management and administration.
* Implemented real-time analytics pipeline using Confluent **Kafka**, **Splunk** and using **MongoDB** as a document-oriented database for faster execution of a real-time application.
* Designed various tables required for the project in the **SQL Server** database and used Stored Procedures in the application.
* Involved in creating **EJBs** that handle business logic and persistence of data.
* Used **Eclipse** as **IDE** and **Git** for version control.
* Involved in impact analysis of Change requests and Bug fixes using **Jira**.
* Performed a thorough unit testing and resolved several data related issues before migration to production.

**Environment:** Java, JDK, J2EE, Servlets, MVC, **Java Swing** ,WebSphere, EJB, JSP, spring, Spring Boot, Hibernate, Eclipse, XML, NetBeans, Multi Threading, WebServices, HTML5, CSS3, Angular.js, JQuery, SOAP, Jboss, Log4j, Junit, Ant, SQL, Oracle and Windows.

**Client: Frontier Communications, Allen, TX NOV 2016 – Oct 2017**

**Role: Sr. Java Developer**

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC) of the application like Requirement gathering, Design, Analysis and Code development.
* Generated Use case diagrams, Class diagrams, and Sequence diagrams using Rational Rose.
* Developed the applications using Java, J2EE, Struts, JDBC
* Deployed Spring Boot based micro service Docker Container using Amazon EC2 Container Services using AWS Admin Console.
* Worked on various use cases in development using Struts and testing the functionalities.
* Involved in preparing the High Level and Detail level design of the system using J2EE.
* Created struts form beans, action classes, JSPs following Struts framework standards.
* Implemented the database connectivity using JDBC with Oracle 9i database as backend.
* Involved in the development of model, library, struts and form classes (MVC).
* Used display tag libraries for decoration and used display table for reports and grid designs.
* Worked on core java, using file operations to read system file (downloads) and to present on JSP.
* Involved in the development of underwriting process, which involves communications without side systems using IBM MQ and JMS.
* Used PL/SQL stored procedures for applications that needed to execute as part of a scheduling mechanisms.
* Built applications for scale using JavaScript and NodeJS.
* Designed and developed Application based on Struts Framework using MVC design pattern.
* Developed Struts Action classes using Struts controller component.
* Developed SOAP based XML web services.
* Used SAX XML API to parse the XML and populate the values for a bean.
* Used Jasper to generate rich content reports.
* Developed XML applications using XSLT transformations.
* Created XML document using STAX XML API to pass the XML structure to Web Services.
* Apache Ant was used for the entire build process.
* Used Rational Clear Case for version control and JUnit for unit testing.
* Designed and developed web interfaces and business logic using Spring, JSP, Servlets, JavaBeans, Spring JDBC, Java Script, HTML, and XML Technologies
* Configured WebSphere Application server and deployed the web components.
* Provided troubleshooting and error handling support in multiple projects.

**Environment:** Java, JSP, Servlets, spring, Eclipse, EJB, MVC, JNDI, Hibernate, HTML, XML, DHTML, Log4j, Soap, Ant, WebLogic, SQL, Oracle, Windows.

**Client: HCA, Nashville, TN Sep 2015 - OCT 2016**

**Role: J2EE Developer**

**Responsibilities:**

* Used Spring Framework extensively for dependency injection/Inversion of control (IOC), and integration of Controller, Service and DAO layers.
* Designed the Front-end screens using **JSP, JSTL, Servlets, HTML5** and **JavaScript** and **JQuery**, DOJO struts Tiles.
* Developed front end of the application using **angularJS**.
* Developed AngularJs module to dynamically update pages based on data from REST services.
* Developed data formatted web applications and deploy the script using client-side scripting using Angular js.
* Used advanced level of **jQuery, AJAX, Angular Js, Bootstrap** and **CSS** layouts.
* Developed **Single Page Application** (SPA) using AngularJS Framework.
* Used **JavaScript, jQuery** for user interactions in pages. Creating a responsive web application integrating Twitter **Bootstrap** with Angularjs and media queries.
* Developed the presentation layer using Spring MVC, Spring Core for Inversion of Control (IOC), and application Context of Spring Framework in the project.
* Implemented entire application using Core java, java Collections and Spring MVC design framework.
* Developed MVC design patterns using **Angular JS**.
* Implemented the function to send and receive AMQP messages on **RabbitMQ** synchronously and asynchronously, and send JMS message to Apache ActiveMQ on the edge device.
* Designed and built an enterprise-wide asynchronous message processing service and **RabbitMQ** handling thousands of message a day.
* Developed Java web services using **JAX-RS**.
* Integrated **Angular JS** component with Java Web services.
* Used **log4j** for logging and **SVN** for version control.
* Developed **Maven scripts** and developed builds using **Maven** and continuous integration servers like **Jenkins**.
* Implemented **SOAP** Web Services for other applications to communicate.
* Involved in consuming, producing **SOAP** based Web services using **JAX-WS.**
* Monitored and maintained **MQ** Series objects such as Queue Managers, Queues, channels and listeners.
* Created **MQ** Series objects on local and remote Machines.
* Having good experience to provide Authorization up on **MQ** Objects by using SETMQ Authorization and AUTHREC.

**Environment:**

J2EE, Java 8, Core Java (Multi-Threading, Collections), JSP, JSTL, Servlets, HTML 5, Java Script, J query, angular JS, Ajax, Bootstrap, CSS, SPA, Mongo DB, JAX –RS, log4j, SVN, Maven, Jenkins, SOAP.

**Client:** **First Indian Corp, India Jun 2013 – Aug 2015**

**Role: Java Developer**

**Responsibilities:**

* Involved in analysis design and development of Product and Services mapping Application.
* Developed UI screens using **JSP, HTML, CSS, JavaScript**.
* Worked on **JSP,** Servlets**, Struts framework** and production support issues of the existing applications.
* Development of **Action Forms**, **Action Servlets**, Action and Validating Action Forms in **Struts** framework.
* Involved in the development of model, library, struts and form classes (**MVC**).
* Implemented **Struts Dispatch Action** class and form bean classes using struts framework.
* Client & server validations were handled using JavaScript & **Struts validate plug-in**.
* Implemented **Multithreading** for handling multiple requests and for high performance.
* Created many **Stored procedures** and scheduled jobs to support our applications for to create reports for customers.
* **JMS** is used for exchanging the information.
* Build and maintain **SQL** scripts, indexes, and complex queries for data analysis and extraction.
* Develop a business continuity plan for the **SQL** Server Databases
* Designed and developed MDB that consumed the messages from the Java message queue
* Experience in installing, configuring and deploying application on **Web Logic** Server.
* Developed **DAO** pattern to retrieve the data from database
* Developed web services for sending and getting data from different applications.
* Used **JDBC** to access Oracle database for accessing customer information.
* Deployed application on Client **Linux** server.
* Used **ANT built** tool for compiling and generating **war** file.

**Environment:**

core Java, J2EE, JSP, HTML, MVC, Servlets, JMS, EJB3.1, Spring, JUnit, PL/SQL, DAO,Web Services, SOAP, WSDL, Oracle, Windows.