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**PROFESSIONAL SUMMARY**

**10** years of **IT** experience as a **Full Stack Developer** in **Analysis, Design, Development, Testing, Implementation, Enhancement** and **Support** of full life cycle web applications using **N-Tier** **J2EE architecture** in **Financial, Healthcare, Insurance** and **Telecommunication domain.**

**CORE COMPETENCIES**

* Proficient in **all phases of SDLC** (analysis, design, development, testing and deployment) and highly competent in gathering user requirements.
* Experience working in **MVC** framework using **Spring** Framework including **Spring MVC, Spring Security, Spring Micro Services, Spring IOC, Spring JDBC, Spring Boot, Spring JPA and Spring Cloud**
* Proficient in Application Development with **Web Technologies**, B2B products, Distributed Technologies and Client-Server Architecture environment in Financial, HealthCare and Manufacturing Industries.
* **As a full stack Developer, worked on advanced front-end technologies like HTML5, CSS3, JavaScript, jQuery, Angular, and Bootstrap.**
* Expertise in application development using various frameworks: **Struts**, **Spring MVC, Java Server Faces (JSF) and Hibernate**.
* Experience with Databases like **Oracle** **10g/11g, MYSQL, SQL SERVER 2008, Mongo DB.**
* Extensive working experience with **SOAP** and **Restful web services**.
* Hands on experience working with Web and Application Servers such as **Apache Tomcat**, **IBM WebSphere, JBOSS, BEA WebLogic.**
* Ensure the continuous availability of our mission critical **MongoDB** clusters.
* **Microsoft Azure** multi-region replica set replication and Optimizing **MongoDB CRUD** Operations.
* Extensive use of Version Controls like **GIT**, **CVS**, **SVN.**
* Implementation, design, architecture and support of cloud-based server and service solutions **(AWS)**
* Managed Amazon Web Services like **EC2, S3 bucket, ELB, Auto-Scaling, SNS, SQS, AMI, IAM, Dynamo DB, Elasticsearch, Virtual Private Cloud (VPC)** through AWS Console and API Integration.
* Experienced practitioner of **waterfall and Agile** methodologies.

**TECHNICAL EXPERTISE**

JAVA/J2EE Technologies: Java, J2EE (Servlets, JSP, EJB, JavaBeans, JDBC, JMS, JPA, JNDI, JAX-WS, JAX-RS)

Web Technologies: XML, AJAX, HTML, JavaScript, jQuery, XHTML, CSS, JSON, Angular

Databases: Oracle, DB2, MYSQL, DERBY

Web/App. Server: Tomcat, WebLogic, JBoss, WebSphere

Architectures: EJB, Multi-Tier Enterprise Application, JDBC, Extreme Programming (XP) and Continuous Integration (CI)

Web Services: WSDL, SOAP, REST

Frameworks: Struts, JSF, Hibernate, Spring, Junit

Version Control Tools: CVS, SVN, Rational Clear Case, Sub Version

IDE/Tools: Eclipse, RAD, NetBeans, IntelliJ, RAD, ANT, Maven, Jenkins, Bugzilla, JIRA, Rational Rose, RSA, Spring Tool Suite, JBOSS Developer Studio, Jenkins for CI/CD

SDLC: Agile - Scrum, Waterfall

Design Patterns: MVC, Intercepting Filter, Front Controller, Session Facade, Business Delegate, DTO, DAO, Service Locator

**PROFESSIONAL EXPERIENCE**

**American Express, Phoenix, AZ Jan 2022- Till Date**

**Java/ J2EE Developer**

**Project Description:**

This project includes developing Online service channel application which will provide AMEX clients with single point of entry to view, edit and download their Deposits, Loans, Credit Cards, Brokerage, Retirement, Investment Sweeps, Trust accounts and Statements. Designed and developed microservices architecture and single page application for the AMEX customer facing web application.

**Responsibilities:**

* Actively involved in Analysis, Design, Development, System Testing, User Acceptance Testing, Integration Testing and Regression Testing.
* Successfully followed Sprint planning and estimation for user stories in Agile Environment.
* Developed the User Interface using **JSP, HTML5, CSS3, JavaScript** and enhanced response using Bootstrap services like JDBC, JMS, and JTA.
* Developed User interfaces and prototypes for web-based internal system using **HTML5, CSS3, SASS, Wijmo, NGRX Typescript, JavaScript, jQuery, AJAX and Bootstrap.**
* Working with **RxJava** for asynchronous composition and manipulation of data and events using Observers and Observables in the application.
* Developed the application using **Java 1.8** and implemented its features like **Lambdas Expressions, Time API, Streams, functional interfaces, collectors, default methods, type interfaces, and for each.**
* **Implemented Micro Services using Spring Boot, Spring Cloud, Spring Data, Micro Services and enabled discovery using Netflix Eureka Server.**
* Used the **Spring IOC** feature to get **Hibernate** **session** factory and resolve other bean dependencies also used Spring AOP features for solving cross-cutting concerns.
* Worked with Apache Kafka for enterprise website activity tracking, steam processing, metrics collection and monitoring, real-time analytics, replying to messages, error recovery, sending messages between processes, applications and servers.
* Writing services in **Spring Boot**, running, and deploying them in cloud.
* Implemented Batch jobs to deal with large number of chunks using **Spring Batch Framework** to execute the similar jobs simultaneously.
* Developed the persistence layer using **Hibernate Framework**, created the POJO objects and mapped using Object/Relational Mapping Hibernate annotations and Transaction Management.
* Create and configured the continuous delivery pipelines for deploying micro services and lambda functions using **CI/CD Jenkins server.**
* Achieved synchronization of multiple threads through **Multithreading, Exception Handling and optimized time complexity by using built-in data structures in Collections.**
* Secured the **REST API's** by implementing **OAuth2** token-based authentication/authorization scheme using spring security.
* Worked on **REST APIs**, and **Elastic Search** to efficiently handle and searching JSON data.
* Used **AWS SDK** for connection to **Amazon S3** buckets as it is used as the object storage service to store and retrieve the media files related to the application.
* Developed **AWS Lambda Functions** in a stateless style and ensure there is no affinity between and compute infrastructure to manage the servers and run the code in the AWS.
* Created **Docker images for launching containers on AWS EC2** and Expert in using Docker for Environment provision solution.
* Used **JIRA** tool for Issue/bug tracking, monitoring of work assignment in the system.
* Code review using sonar tools and correcting the code base on the Sonar Report
* **Log4J** was used to monitor the error logs and used **GIT** as version control tool.
* Followed Maven build life cycle to build the application and deployed into WebSphere application server.
* Developed test cases and performed unit testing using JUnit.

**Environment**: J2EE, Spring, Spring boot, Spring MVC, Java Script, Hibernate, Rest, Maven, JUnit, Angular 4, Bootstrap, Hystrix Dashboard, AWS, Spring Ribbon, Spring Kafka, Junit, Jenkins, Agile Methodology, Eclipse, Curl, Mongo DB, Swagger, Log4j, STS, Docker, Hateoas, Spring Security, WebLogic Application Server, Karma, Agile Methodology, Drools.

**Charter Communications, Oct 2020 -Jan2022**

**Java/ J2EE Developer**

**Project Description:**

Charter Communications Services operates in USA Markets with services convergence of line of business, at present Charter providing services like, Voice, Internet, Home Security, and Video Services to the customers.

**ADS (Accounting Data Store - Revenue and Subscriber Counting/Recording Tool) Redesign:**

The business function of Phase 1 focuses on the monthly subscriber results that feed to Nestor to pay programming vendors, miscellaneous reporting so STARS can be decommissioned and subscriber trend analysis that impact programming. The Overall Requirements document is to gather the required month-end billing reports for all three legacy companies to populate the ADS Redesign application which will record and calculate the necessary subscriber counts to pay programmers through a feed to Nestor Linear. XDW will also provide the reports required to record monthly revenue results beginning in Phase 3 of the ADS Redesign application.

**Responsibilities:**

* Actively participated in all **Agile** meetings like Daily Standup, Iteration Planning, Pre-Estimation, Code Review and Show/Tell Meeting.
* Developed User-friendly Interfaces using **React, Redux, Bootstrap, JQuery, Gulp, HTML5, CSS3 and ES6.**
* Developed **React** components to implement various feature specific modules in the application and worked with a team to move existing web apps to   **React**with ES6 Features.
* Configured **Redux**store in the application, created actions, reducer functions and used **Redux-thunk**to make **REST**calls and took part in developing unit test cases in the application using **JEST.**
* Used **React**data grid to developed tabular views in the application and used **react**data components to implement pagination.
* Used **React**lazy load to load the components lazily to improve the performance of the views in the application.
* Developed **UML** Diagrams for **Object Oriented Design**: Use Cases, Sequence Diagrams and Class Diagrams using **Rational Rose**.
* Developed **REST** web services using **Spring boot, Hibernate, Tomcat** and took part in deploying the backend to **AWS**.
* Developed **REST** exception handling advices to send proper **HTTP** error codes to the clients and developed unit test cases to test **REST** calls using **Cucumber, Spring Mock MVC and Testing**.
* Developed **JMS** messaging components to handle asynchronous messaging from queues using **Tibco EMS** and **Spring JMS.**
* Implemented transactions at service level using **Spring transaction management** and **Hibernate** transaction manager.
* Worked with **SQL**and search based data storage. Optimized **SQL**queries and indexes for **SQL Server.**
* Created **Jenkins**pipeline jobs to perform builds and deployments using **Maven**to QA and Prod environment.
* Created **AWS**cloud formation templates to create the development stack and QA stack and involved in setting up RDS instance.
* Developed Test Scripts to implement Test Cases, Test Scenarios, and features for **ATDD**(Acceptance Test Driven Development) and **BDD**(Behavior Driven Development) Using **Cucumber.**
* **Log4J** is used for Logging Errors, Exceptions throughout the project, also used **SVN** for Version Control tool and Clear Quest for bug tracking tool.

**Environment:** Agile, UML, HTML5, CSS3, ES6, JavaScript, XML2.0, Web Services, React JS, Redux, Bootstrap, Gulp, Java SE7, SQL, SQL Server 2012, Tomcat Application Server, Junit, Mockito, JQuery, REST, Jenkins, Cucumber2.0.2, Log4J1.2.17, SVN, Atom, Clear quest.

**Bayer Health Care, Jan 2019 - Oct 2020**

**Java/ J2EE Developer**

**Project Description:**

The Project is based on CRM (Client Relationship Management) domain for Byer HealthCare. Byer Healthcare provides transformational medical technologies and services that are shaping a new age of patient care. Additional to this project involves Integration of Web application and document management and middleware. Project is mainly related with the web / middleware integration development function and project development throughout the development lifecycle specifically in user Sales force, web services, SOA, business process modeling and integration between varied systems and security.

**Responsibilities:**

* Involved in requirements gathering and analysis from the existing system. Captured requirements using Use Cases and Sequence Diagrams.
* Involved in interacting with business customers to gather and analyze requirements for new initiatives.
* Presentation tier component is developed using JSF Framework and responsible for design and development of various front-end screens following GUI standards.
* Developed Presentation tier implementation which involves in creating the JSP pages, defining the page navigations, creating, and configuring the backing beans, and integrating JSF with the business-logic tier.
* Used Spring Framework as middle tier application framework, persistence strategy using spring support for Hibernate for integrating with database.
* Used slick to query and storing in database in a Scala fashion using the powerful Scala collection framework.
* Designed and implemented web module using Spring MVC
* Designed user interface layout using CSS, HTML.
* Created JSP pages using standard JSF tags, decorated using CSS.
* Implemented design patterns in Scala for the application.
* Develop quality code adhering to Scala coding Standards and best practices.
* Developed multiple POCs using Scala and deployed on the Yarn cluster, compared the performance of Spark, with Hive and SQL/Teradata.
* Analyzed the SQL scripts and designed the solution to implement using Scala.
* Used Ajax to provide dynamic features where applicable with the help of prototype library and Ajax4JSF.
* Involved in enhancing the multithreaded batch jobs functionality.
* Used Log4J for logging and analyzing system performance and flow, involved in code refactoring and bug fixing.
* Used Scala collection framework to store and process the complex consumer information. Based on the offers setup for each client, the requests were post processed and given offers.
* Developed a RESTful service to provide all the CRUD capabilities for Salesforce App.
* Designed and Developed the UI screens using JavaScript, Angular JS, jQuery, JSP, react JS, Html and CSS.
* Tested Service and data access tier using JUnit in TDD methodology.
* Worked on migrating the old java stack to Type safe stack using Scala for backend programming.
* Used Agile Development methodology of software development
* Used JBOSS for the application deployment, LOG4J for logging and SVN for Source Control.
* Project builds and integration with Maven and Jenkins
* Performed builds and deployment and responsible for source code control and release management.
* Worked on Windows/Linux environment and debugged the application issues via accessing logs.

**Environment**: Java/J2ee, JDK 1.7, Angular JS, Spring,Scala 2.10/2.11, Hibernate, XML, Eclipse, WebLogic Application Server, REST, JAX-RS API, HTML5, CSS3, design patterns, SVN, MySQL, AWS, Clear Case, JUnit, AJAX, jQuery, Maven**.** Salesforce.

**Verizon, Oct 2017 – Jan 2019**

**Java/J2EE Developer**

**Project Description:**

Verizon is a leading Telecom Domain company based in USA. Verizon Equipment Instalment Program (EIP) team works with clients to help their customers finance their Mobile devices from various available instalment plans, introduce new plans and calculate down payment and monthly Instalment using Credit Information of an end user. Also helps them Return or Exchange their Mobile Device and upgrade to a new mobile device using jump Upgrade Option. This Project was developed using spring, Hibernate, Maven, HTML 5.0, CSS, JavaScript, jQuery, DB2, WebLogic Application Server and SOAP Web Services.

**Responsibilities:**

* Developed the application by using Scrum methodology in agile environment.
* Used Spring Boot which is radically faster in building cloud Micro services and develop spring-based application with very less configuration.
* Designed and developed the REST based Micro services using the Spring Boot, Spring Data with JPA.
* Designed application modules, base classes and utility classes using core java Spring dependency injections, annotations, and configuration files.
* Involved in developing code for obtaining bean references in spring framework using Dependency Injection (DI) or Inversion of Control (IOC) using annotations.
* Primarily focused on the spring components such as Dispatcher Servlets, Controllers, Model, and View Objects.
* Developed Business components using Java Objects and used Hibernate framework to map the Java classes to the database using Annotations.
* Implemented the Project structure based on Spring MVC pattern using spring boot.
* Development of application communication through asynchronous message using JMS, MQ, MDB process message in point-to-point scenarios.
* Used Spring Security for implementing the authentication, authorization, and access-control features.
* Published Restful services using Spring MVC and consumed rest services using spring-rest template.
* Functionality is implemented by developing RESTful web services using spring boot, JPA, Cloud foundry and Oracle.
* Experienced in writing complex SQL queries for extracting data from multiple tables.
* Extensively executed SQL queries to view successful transactions of data.
* Extracted data from various sources like Oracle, flat files, and SQL Server.
* Development of XML/XSLT/XSD for schema definitions.
* Participating in design and code reviews.
* Unit testing and Integration Testing of application.
* Ongoing support and maintenance of the application of defects and fixing them.
* Coordinated with the testing team for bug reports and fixes and tracking these tickets through JIRA.
* Support of application deployment and maintenance.
* Good experience with test driven software development and unit testing tool like JUnit to write and run repeatable tests.
* Support testing (Functional, Performance, Access controls)
* Worked on Web Services using java API for XML Services (JAX-WS) and build, deploying Restful Web APIs Services
* Implemented several new features by calling new Web services which were provided.
* Tested web services on SOAP UI and SOAP Sonar.
* Created a single independent Application Page for AUDIT services, which can be accessed from anywhere in the active case throughout the flow.
* Actively involved in Production Support for fixing the IR's and adding new changes with new releases to the current deployment in prod.
* Used Log4j for logging errors, messages, and performance logs.

**Environment**: Windows XP, JDK 1.5, Servlets 3.0, JSP 2.2, HTML, Spring Boot, SQL Server 2008, SQL Server 2005, Eclipse 3.2, Maven, WebLogic 11g, SVN, JUnit, Log4j, NoSQL, Spring 3.0, REST, Hibernate 3.3.

**Vodafone India Private, Hyderabad, India July 2014– Sep 2017**

**Java Developer**

**Project Description:**

It is a project funded to save huge money for the cell tower installation. This tool will help to change the tilt configuration based on the density of population in that area. These tilt configurations are done through the web interface and will be effect at the actual site.

**Responsibilities:**

* Developed the application using Spring Framework that leverages classical Model View Layer (MVC) architecture. UML diagrams like use cases, class diagrams, interaction diagrams (sequence and collaboration) and activity diagrams were used.
* Worked in an agile work environment with Content Management system for workflow management and content versioning.
* Responsible for setting up AngularJS framework to achieve data binding between HTML and JavaScript objects.
* Designed and developed Application based on Struts Framework using MVC design pattern.
* Implemented MVC design pattern using JSF 2.0 with Rich faces UI framework
* Designing, Development, JUnit testing and Integration of many components of the applications from end-to-end, i.e. Front-end (View) to JSF Controllers and configurations to Data Model and JPA mappings as well as generating entities.
* Involved in designing user screens and validations using HTML 5, jQuery and JSF as per user requirements.
* Implemented the search functionality for Internal Application using Angular JS.
* Used Struts Validator framework for client-side validations.
* Used Spring Dependency Injection properties to provide loose coupling between layers.
* Implemented the Web Service client for the login authentication, credit reports and applicant information using JAX-WS 2.0 and Apache Axis 2.
* Used Web services (SOAP, Rest) for transmission of large blocks of XML data over HTTP.
* Used Hibernate ORM framework with spring framework for data persistence and transaction management.
* Used Hibernate 3.5 object relational data mapping framework to persist and retrieve the data from Oracle and MySQL databases.
* Used Maven for compilation, packaging and deployment in the Apache Tomcat and WebSphere Application servers.
* Implemented the logging mechanism using Log4j framework.

**Environment**: JDK 1.6, Agile Development Process, Struts 1.x, JSF2.x, Spring 3.0, Spring framework, Hibernate 3.5, RSA, JMS, JSP, Servlets, Web Sphere 7.1, AngularJS, Node JS, Apache Tomcat, Oracle and MySQL Databases, AJAX, Windows XP, HTML, XML, SOAP, Maven2.x, Log4J, Bootstrap, XML, XSLT, XSD, jQuery, JavaScript, JUnit, SVN.