**Malaykumar**

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**CAREER SUMMARY**

* Over 8 years of experience with SDLC (full project development, implementation and deployment on Windows/Linux using JAVA/J2EE technology stack – Full Stack). Java/J2EE involving development of Multi-Tier, Client/Server, and Web-based applications
* Involved in Design, development, and testing of web application and integration projects using Object Oriented technologies such as Core Java, J2EE, Struts, JSP, JDBC, Spring Framework, Hibernate, Java Beans, XML, Web Services (REST/SOAP).
* Experience in Spring modules like MVC, AOP, JDBC, ORM, JMS, and Web Services using Eclipse, STS IDE.
* Having Experience on integrating spring with Hibernate using Spring ORM module.
* Expertise using Data Structure and Algorithms in Application.
* Experience with the Cloud and monitoring processes as well as DevOps development in Mac and Linux systems
* Expertise on Amazon AWS IAM Service: IAM Policies, Roles, Users, Groups, AWS Access Keys and MFA.
* Sound knowledge of Big Data using tools like Splunk, Jaspersoft.
* Expertise in implementing (Developing, Deploying and Consuming) Web Services (SOA) using SOAP and REST
* Expertise Using Spring Core Annotations for Dependency Injection Spring DI and Spring MVC for REST API s and Spring Boot for micro-services.
* Extensive experience in developing producers & customers in Kafka to build a data pipeline.
* Experience in writing SQL, Triggers and Packages on Database (RDBMS) packages like Oracle 11g, MySQL.
* Good understanding of NoSQL Databases and hands on work experience in writing application on No SQL databases like Cassandra and MongoDB.
* Expertise in front-end development using JSP, jQuery, HTML, CSS, and JavaScript.
* Experience in using various Web and Application Servers like Tomcat, Web Logic, WebSphere.
* Worked on Log4j, JUnit/TestNG, Selenium WebDriver/IDE/Grid
* Using Spring Framework, Apache HTTP Client written Java Coding for API Testing using Post. Performed Java Web Services testing for RESTAPI Calls.
* Performed API Testing using Rest Client and SOAP UI.
* Expertise in using and implementing Design Patterns such as Model-View-Control (MVC), Data Access Object (DAO), Singleton & Business Delegate.
* Experience in creating and building the application dynamically using Gradle and Maven build tool.
* Expertise on building and deploying applications using Jenkin-Continuous integration tool.
* The experience of using version control and bug reporting tools like SVN, GIT, Espresso, Radar, Jira, Rally.
* Involved in developing Test plans, Test Cases (Manual/Automated), Test Procedures and white-box and black-box testing
* Experienced in Business/Technical Requirements Capturing, Configuration Management, Team Coordination and Software Engineering Processes.
* Excellent communication and inter-personal skills.

**EDUCATION**

Bachelor in Computer Engineering, Gujarat University, India

**COMPUTER SKILLS**

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| **Languages** | **Java/J2EE,** C, JavaScript, Shell Script |
| **Java Technologies** | **Core Java, J2EE,** Servlet, JSP, Java Beans, jQuery, **JMS**, JDBC, JPA |
| **J2EE Technologies** | **SpringBoot**, **Spring MVC**, Spring Security, Hibernate, Spring, Web Services, Struts, **Web Services(REST/SAOP),** Jersey, Log4j, JUnit, TestNG, Ant, Selenium, Apache HTTP Client |
| **Servers** | **Apache Tomcat**, JBoss, WebLogic**,** WebSphere |
| **IDEs** | Eclipse, **STS, IntelliJ IDEA,** NetBeans |
| **Development Tools** | Jenkins**,** SVN, GitHub, TOAD, Rally, Jira, Docker, Splunk, Maven, Gradle, Radar |
| **Methodologies** | Water Fall, Agile/ Scrum, Scaled Agile |
| **Databases** | Oracle, MySQL, **MongoDB,** Cassandra |
| **Operating Systems** | Mac OS, Windows, Linux, Ubuntu |
| **Virtualization** | VM Ware, Docker, Amazon AWS/EC2, Azure |

**WORK EXPERIENCE**

**Client: TTI Inc., TX Nov 2016 – Till Now**

**Role: Java/J2EE Developer**

**Description:** TTI, Inc. is a distributor of passive, interconnect and electromechanical components. The project is TTI modernization. Whole Mainframe (MF) code is converting to Java code using Spring Batch Framework. Mainframe code is written in Cobol. So, we are working on 3rd phase of modernization which convert Mainframe code to Java.

**Module:**

Working on Batch Job Service . My work is to Fix Job and its performance. Output should be same as Mainframe but performance should be increased. Dedicated to optimization experienced DevOps Engineer understands the melding of operations and development to quickly deliver code to customers.

**Responsibilities:**

* Application development using Spring Batch Framework.
* Followed Agile Software Development Methodology to build the application iteratively and incrementally. Participated in scrum related activities and Daily Scrum Meetings.
* All the functionality is implemented using **Spring IO** / **Spring Boot** and **Hibernate ORM**. Implemented Java EE components using **Spring MVC, Spring IOC, Spring transactions** and Spring security modules.
* Involved in working with technologies like Spring Framework, Hibernate, iBatis and Restful Web Services in designing and development of the application.
* Used Java-J2EE patterns like Model View Controller (MVC), Business Delegate, Data Transfer Objects, Data Access Objects, factory patterns.
* Implemented Java 1.8 features for the existing application where ever required.
* Used Spring Framework AOP Module to implement logging in the application to know the application status.
* **Used MMC mule management console to monitor the request and response payload**
* Implemented the application using Spring IOC, Spring MVC Framework, Spring Batch, Hibernate and handled the security using Spring Security
* Worked on new Protocol buffer to serialize and deserialize the data.
* Performed DevOps operation on Linux and Mac platforms.
* Monitored developed applications and fixed bugs using AppDynamic and used UUID.
* Designed and implemented a stream filtering system on top of Apache Kafka to reduce stream size.
* The technologies in use by the Platform teams include Apache Kafka, Zookeeper, elasticsearch, and AWS EC2.
* Design roles and groups for users and resources using AWS Identity Access Management (IAM).
* Solved problems using a combination of JavaScript, JSON, and JQUERY.
* Wrote services to store and retrieve user data from the MongoDB.
* Processed large volume of records, including logging/tracing, transaction management, job processing statistics using Spring Batch.
* Worked on FTP jobs to process and upload files in dev environment.
* Coordinated with the QA team in testing of the application in various environments.
* Extended data driven framework and developed re-usable functions across the application.
* Used TestNG suite to automate functional and regression testing across integrated environments.
* Created Suite of test cases for Automating REST API using Apache HTTP Client.
* Used Maven to build & deploy applications, helped to deployment for CI using Jenkin.
* Used Docker for continuous Testing and virtualization.
* Helped to deploy, resolve issues during deployment and support in release and production support.

**Environment**: Spring Batch Framework, DevOps, Protocol Buffer, Java/J2EE, Agile, Spring, Log4j, JUnit, Maven, STS, GIT, Selenium, Apache Http Client, TestNG, MongoDB, Docker, Jenkin, Postman.

**Client: Apple Inc., CA Jan 2016 – Sep 2016**

**Role: Java/J2EE Developer**

**Description:** Apple Online Store (AOS), which involves backend and frontend development using Java/J2EE technologies. Customer can buy apple and 3PP products. Apple Online Store makes use of a federation of hundreds of services working together. Each service is an application, which provides a well-defined interface to data source. They encapsulate all the logic around the storage, retrieval and vending of the information stored in that data source. Involved in designing and developing Server-side components, Application Programming Interfaces and creation of functionality Programs for few of the services. Worked on a Web Application tool designed in Spring MVC and use Web Object to invoke the Services and integrate the responses with the UI. So, this is Consumer facing website that we need to work on.

**Module:**

Worked on OrderBrowser . **OrderBrowser** is a tool, which facilitates user to retrieve Orders from SOS through a GUI interface. Thus, enables user to search an order using either Web Order Number or detailed search by specifying the Order Total range, Order Date from-to, Order Billing section and Proposer section.

**Responsibilities:**

* Application development using Spring 3.x, Web object.
* Developed UI using Spring MVC, business logic using Spring (IOC, AOP).
* Worked in an Agile work environment with Content Management system for workflow management and content versioning.
* Implemented the application using the concrete principles laid down by several design patterns such as Singleton, Front controller, Factory etc.
* Worked on Spring DAO module encapsulated using DAO pattern to implement persistent layer components.
* Implemented major concepts of Core Java, J2EE, JDBC, MVC, Spring Framework, Hibernate5.0.x, iBatis, XML.
* Helped in AWS solutions using EC2, S3, RDS, EBS, Elastic Load Balancer, Auto scaling groups, optimized volumes and EC2 instances.
* Implemented the function to send and receive messages on **RabbitMQ**synchronously and asynchronously.
* Developed RESTful web services in Mule ESB based on SOA architecture.
* Working knowledge of API management using Anypoint API management tools.
* Used and implemented the application using Spring MVC, Spring IOC, Spring Annotations modules and Hibernate.
* Worked with NoSQL Cassandra to store, retrieve, and update and manage all the details for customer order tracking.
* Helped in Authentication and security in Apache Kafka pub-sub system.
* Used different Spring modules and wired different layer components using Dependency Injection.
* Developed Web Services to allow communication between applications through REST over HTTP.
* I Was initially part of developing front end components using JSP, HTML, CSS, JavaScript and AngularJS.
* Mapped CanJS components to mustache.
* Worked with Architects and Product Manager to refine product requirements and define product design
* Updated the dynamic information in Spring Taglibs
* Designed and developed Caching using Singleton pattern.
* Used Maven and Gradle to build the project and JUnit to develop unit test cases
* Helped to deploy and resolve issues during deployment and Configured Maven. Used Jenkins for Continuous Integration (CI) and Splunk for monitoring.
* Coordinated with the QA team in testing of the application in various environments using Docker.
* Involved in Production Deployment, Support and Reviewed the app server production logs using Splunk supported the production incidents handling team for production incidents.

**Environment**: Java/J2EE, Agile, Spring, Web object, Log4j, JUnit, Jenkin, Maven, Splunk, Eclipse, SVN, RabbitMQ, JSON, Git, Gradle, Docker, Postman

**Client: Farmers Insurance, CA Jul 2014 – Nov 2015**

**Role: Java Developer**

**Description:** Farmers Insurance offers a variety of insurance products for individuals and businesses with its products ranging from automotive, immovable assets, mechanical coverage, personal lines, and commercial lines including reinsurance. Automotive insurance forms majority of State farms operation and revenue. The website is developed using J2EE technologies with Spring Framework and Deployed on WebSphere Server. Hibernate and Web Services are used to retrieve the information necessary to display online.

**Responsibilities:**

* Application development using Spring 3.x, Hibernate 3.0, Web Services (RESTFUL)
* Developed UI using Spring MVC, business logic using Spring (IOC, AOP), persistence using Hibernate.
* Developed in Agile/Scrum methodology and Test-Driven Development (TDD).
* We used JPA to convert result dataset to the model classes.
* Developed Spring Controllers which manages the application flow and makes calls to business objects to manipulate its contents Developed server side application which handles the database manipulation with the back-end Oracle database using Hibernate
* Developed, Deployed Enterprise Web Services (RESTFUL) and Consumed and generated client using Jersey Frameworks in Eclipse
* Extensively used Hibernate in data access layer to access and update information from the Oracle database and used Hibernate Query Language (HQL) for writing the queries
* Update the dynamic information in JSP Pages using JSTL and Spring Taglibs
* Used JAXB for Marshaling and Un-marshaling the XML data.
* Implemented service layer on top of Oracle using core Java and Restful API.
* To convert the Entire event flow as a SOA based architecture used **ActiveMQ** as a queues and BUS.
* Worked on multiple Cloud-Optimized highly flexible Architecture by Capitalizing design patterns & principles for a new generation of applications referred as Software plus Services, cloud computing, hybrid computing to help SOA-enabled enterprises for increasing its technology choices by providing multiple modes of sourcing, financing, and deploying application software and services
* Used JMS with ActiveMQ for Sending and Receiving the messages asynchronously
* Used WebSphere as to Deployment the application and web services
* Designed and developed Caching using Singleton pattern
* Prepared Unit test cases using JUnit and remote testing using Postman.
* Helped to deploy and resolve issues during deployment and Configured Maven, Shell Scripts. Used Jenkins for Continuous Integration (CI).
* Coordinated with the QA team in testing of the application in various environments.
* Involved in Production Deployment, Support and Reviewed the app server production logs using Splunk supported the production incidents handling team for production incidents.

**Environment**: Java/J2EE, Agile, Jackson, SOA, Spring, Hibernate, Web Services, Jersey, RESTFUL, JDBC, JSP, HTML, JavaScript, jQuery, JPA, XML, Log4j, JUnit, Jenkin, Maven, Postman, Rally, Eclipse, Shell Script, GIT, Oracle, UNIX, WebSphere.

**Client: Department of Health, Morrisville, NC Jun 2012 – Jun 2014**

**Role: Java/J2EE Developer**

**Description:** e-MOMED is a web application for providers (Doctors, Hospitals etc.) to submit and retrieve health-net data in electronic form. Besides Providers this application is also accessible by Fiscal Agent Administrators, State users, and Fiscal Agent Helpdesk. This application is mainly used to Submit/Re-submit claims, Submit Attachments, Real-time Queries, submit batch files, receive batch response and to maintain certain provider information. This application is also responsible for few real-time transactions like eligibility verification, claim status, check status etc.

**Responsibilities:**

* Involved in Analysis, Design, Development, Integration and Testing of application modules and followed AGILE/ SCRUM methodology. Participated in Estimation size of Backlog Items, Daily Scrum and Translation of backlog items into engineering design and logical units of work (tasks).
* Involved in preparation of design strategy documents for all the impacted methods and for new functionality.
* Used Netezza SQL to maintain ETL frameworks and methodologies in use by the company.
* Customized the framework to load data from Teradata to Netezza using an ODBC connection
* Fetch the data from NETEZZA database and apply the analytical formulas as per the requirement and generate the desired output.
* Involved in application development: Spring MVC module, Mule, Apache Camel, DI, AOP, Spring ORM & configuring controllers with annotations and related configuration files
* Used Hibernate as Object Relational Mapping Tool for the backend data persistency.
* Extensively used the Hibernate Query Language for data retrieval from the database and process the data in the business methods.
* Developed pages using JSP, JSTL, Spring tags, jQuery, and Java Script
* Used Jenkins continuous integration tool to do the deployments.
* Involved in the development of test cases for the testing phase.
* Developed test cases using JUnit for the modules developed
* Involved at the time of deploying the code in production environment and do the functional check out.
* Involved in merging the code into different stages like Development to System Testing, UAT, Staging and Production using the GitHub tool.
* Responsible for productions support and analyzing the Splunk logs for hidden application errors.
* Responsible for coordinating with testers during system testing.
* Defect fixing activity as a part of system testing phase and User Acceptance phase

**Environment:** Java/J2EE, Netezza, Agile, Spring, Hibernate, Web Services, Jersey, RESTFUL, JDBC, JSP, HTML, JavaScript, jQuery, XML, Log4j, JUnit, Jenkin, Maven, Splunk, Postman, Jira, Eclipse, Shell Script, GIT, Oracle, UNIX, Web Logic, Windows

**Client: Citigroup, Warren, NJ Jan 2011–May 2012**

**Role: Java Developer**

**Description:** Banking Management is an intranet banking project used for managing banking products. This application authorizing end user who can access, update and add products. Managers and other staffs have authorization using their Right ID. This application is used for Business credit cards and online banking.

**Responsibilities:**

* Analyzed requirement and created various model needed for the project.
* Involved in Agile Scrum methodology, Sprint meeting, Sprint and Release Planning meetings
* Designed and Coded J2EE components using Spring and Hibernate.
* In Cryptography, I used DES Algorithm to perform Encryption and Decryption.
* Analyzed associated data and perform payment transaction maintenance that ultimately resolves Loan System corrections
* Analyzed and implemented the Spring-MVC Framework.
* Responsible for developing Spring Controllers, Service Components and DAO using Hibernate framework.
* Implemented Hibernate and replaced JDBC code.
* Worked on Web Services using REST, Worked both on Client and Service Side.
* Experience in testing the services using Postman
* Created all the services to work with clients and wrote Web Services using Spring based web services.
* Designed and developed user interface layer using combination of JSPs, HTML and JavaScript / jQuery
* Designed the application using UML, Class Diagrams, Sequence diagrams and State diagrams.
* Wrote JUnit tests to test all implementation. Set up code coverage tool for web applications to monitor the degree of source code being tested in different environments.
* Wrote builds and deployment scripts using MAVEN.
* Developed JUnit and Configured Log4j Mechanism for complete project using xml files
* Written stored procedures and inner joins using RDBMS, Oracle on UNIX and Windows environment.
* Services involved both talking to database and talking to scripts to update system level information’s.
* Coordinated the efforts across several teams to ensure smooth progress of migration and to resolve any issues.
* Supported the application in production and worked on the incidents timely manner.
* Demonstrated the application to end user during scrum meeting and end of the release.
* Involved in resolving business and technical issues.

**Environment:** Java/J2EE, Agile, Spring, Hibernate, Web Services, RESTFUL, Log4j, JUnit, Rally, JSP, Servlets, JDBC, Java Beans, Oracle, JavaScript, AJAX, jQuery, Maven, Jenkins, Git, Tomcat

**Client: Intelligroup, Mumbai, India May 2009 – Nov 2010**

**Role: Java/J2EE Developer**

**Description:** Intelligroup, Inc. is a vertically led global Information Technology services organization and a leading provider of consulting, business optimization, and outsourcing solutions. The company provides end to end services including advisory, implementation, testing and application management and support services.

**Responsibilities:**

* Involved in Transactions, login and Reporting modules, and customized report generation using Controllers, Testing and debugging the whole project for proper functionality and documenting modules developed.
* This was the legacy product because we were using legacy technologies for that.
* Implemented MVC architecture using Java, Struts, Custom and JSTL tag libraries.
* Involved in development of POJO classes and writing Hibernate query language (HQL) queries.
* Developed and Consumed SOAP and RESTFUL Web Services
* Designed front end components using HTML, Java Script and JSTL.
* Developed JUnit test cases for regression testing and integrated with ANT build.
* Implemented Logging framework using Log4J.
* Created Stored Procedures using SQL/PL-SQL for data modification.
* Involved in code review and documentation review of technical artifacts.

**Environment**: Java, Struts, JSTL, Hibernate, HQL, Web Services (SOAP and RESTFUL), SOAP UI, JUnit, Log4j, Maven, SVN, SQL, PL/SQL, TOAD, XML, Linux, WebLogic