**Name: Mohammed Mujahed**

**Sr. Java Full Stack Developer**

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**Expertise Summary:**

* Over **7 Years** of experience and ability to implement complex real-time applications with strong development experience in User Interface integration of highly transactional and scalable enterprise applications.
* Experience with Various Agile methodologies like **SCRUM, Test Driven Development** (TTD), Incremental and **Iteration** methodology, **Pair Programming**, **Agile** Development & Testing using **Software Development Life Cycle.**
* Expertise in developing Web based distributed and Front-End applications in a three-tier architecture using **Java**, **J2EE, HTML5, Backbone JS, Bootstrap, Angular JS**, **Ajax, Node JS, JSP,CSS, and JavaBeans**.
* Experienced in Developing Java/J2EE Applications using **JDK 1.6/1.7/1.8, Core Java (Collections, OOPS Concepts), JSP, JSF, Servlets, Struts, Spring, Hibernate, Web Services, Struts, XML, XSD, XSL and JNDI.**
* **Strong experience in Spring Framework modules such as Spring MVC, IOC, AOP, JDBC, JTA, IO, Spring Dashboard, Spring Boot, Spring Micro services, Spring REST, Spring Eureka, Spring Ribbon, Spring Netflix, Spring Zuul Proxy.**
* Experience in developing REST API and spring batch jobs using **spring boot** and configured to run them as stand-alone jars and as images in Docker Container.
* Expertise in building real-time data pipelines using **Spring Kafka** and **Zookeeper** apart from **JMS** as messaging service.
* Good Knowledge on **Apache Storm**, which used for real-time Stream processing and end-to-end delivery response.
* Expertise in Web Services for data transfer from client to server using **Apache Axis, REST, SOAP, WSDL**, and **UDDI**.
* **Experience in database modeling, design and development of PL/SQL stored procedures, packages in relational databases: Oracle 10g / 11g, SQL Server 2005/2008, DB2, PostgreSQL and MySQL.**
* Strong experience with **MongoDB** development and migrations from Oracle relational databases to **NoSQL** database.
* Hands on experience in **Amazon Web Services (AWS)** provisioning and good knowledge of **AWS** services, Kubernetes.
* Developed the Applications using **J2EE Design Patterns** such as **Model-View-controller (MVC)**, **Singleton**, **Abstract Factory**, **Session Facade**, **Business Delegate**, **Iterator** and **Service Locator** patterns**.**
* Good experience in unit testing using **Jasmine** and **JUnit, Junit/TestNG**, **Selenium** (IDE/Web driver).
* Experience in using build tool as **ANT**, **Gradle, Maven** to compile, package the components to the Application Servers **MAVEN** scripts for customizing **WAR/ JAR** file management for web applications and **log4J** for application logging.
* Hands on experience with Version control and configuration management tools like **Git,CVS, Clear Case** and **SVN.**
* Solid experience of application defect/Test management tools like **JIRA, SharePoint, Quality Center/Test Director, and Bugzilla.**
* **Experience in creating Docker images, Containers, push/pull and integrating with Spring Boot for running applications**
* Experience in deploying applications into **Web Sphere, Web Logic** and **Apache Tomcat servers, NGINX, and JBOSS.**
* Hands-on experience with **Integrated Development Environment (IDE)** IDEs like **IBM Eclipse, Intellij IDE 15.X, STS.**

**Technical Skills:**

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| **Programming Language** | Core Java, SQL, PL/SQL |
| **Java/J2EE Technologies** | Servlets, JSP, JSTL, JDBC, JMS, JNDI, RMI, EJB, Swing, AWT,  Multi-threading, Java Networking |
| **Java Frameworks** | Spring MVC, Struts 2.0, JSF |
| **Application/Web Servers** | WebLogic, IBM WebSphere, JBoss, Tomcat |
| **ORM Frameworks** | Hibernate, JSF, IBATIS |
| **Web Technologies** | JSP, JavaScript, JQuery, AJAX, XML, XSLT, XHTML, DHTML, CSS, SASS, HTML,  AngularJS, Ext JS, backbone JS. |
| **Spring Framework** | Spring IOC, Spring Batch, Spring Boot, Spring Security |
| **Database Server** | Oracle, DB2, SQL Server, MySQL, RDBMS, MongoDB, Cassandra |
| **IDE** | Eclipse, NetBeans, Intellij, STS |
| **Web Services** | REST, SOAP, JAX-WS, JAX-RPC, JAX-RS, WSDL, Axis2, Apache CXF |
| **Version Control** | GIT Hub, CVS, SVN, Clear case |
| **Build Tools** | ANT, Maven, Gradle |
| **Methodologies** | Agile, Scrum, Water-Fall, Rapid Application Development,  Test Driven development, |
| **Modelling Tools** | Microsoft Visio, Rational Rose |
| **Operating System** | Windows, Mac, Linux, UNIX |
| **Tools** | Apache Camel, ESB, cucumber, Rational Rose, Microsoft Visio |
| **Testing &logging** | Junit, Jasmine, JUnit, Log4J, SoapUI, Test NG, easy mock and power mock. Karma, Protractor, ZIRA, Mockito, Selenium, Jenkins, Docker |

**Professional Experience:**

**Client: Century Link, Denver, CO Aug’ 2018 – Till Date**

**Role: Sr. Full Stack JAVA Developer**

**Description:** Century Link, Inc. is an American telecommunications company, headquartered in Monroe, Louisiana, that provides communications and data services to residential, business, governmental, and wholesale customers in 37 states. A member of the S&P 500 index and the Fortune 500, the company operates as a local exchange carrier and Internet access provider in U.S. markets and is the third-largest telecommunications company in the United States in terms of lines served, behind AT&T and Verizon. It also provides long distance service.

**Responsibilities:**

* Involved in all phases of software life cycle development of application and in Daily scrum meetings, sprint planning, grooming to gather& understand requirements and estimation of the tasks for the user stories, participated retrospective and presenting demo at the end of sprint.
* Used the functionalities for writing code in **HTML, CSS, AngularJS, JavaScript, Ajax, JSON,** and **Bootstrap**.
* **Used** Angular 4 directives to extend HTML to create foundation of web application and used Java 1.8 streams.
* Used **Multithreading** as a programming and an execution model that allows multiple threads to exist within the context of a single process and to pull data concurrently from multiple resources to generate required files.
* Integrated **spring** with **Hibernate** using Hibernate Template to perform CRUD operations against database.
* Designed and developed middleware application using **spring core** framework and Implemented Java EE components using **Spring MVC, Spring IOC, spring transactions, spring Aop** for cross cutting concerns and **spring security modules.**
* Developed different modules using java, apache camel, Spring Boot and integrated web services using camel routing.
* Involved in developing camel processors and routes to integrate the service API’s of different applications.
* Implemented the application using spring boot framework and handled security using spring security.
* Used **RESTFUL** methodology using HTTP handlers in developing web service replication interface for setting up data feeds for content transportation in xml and JSON Formats and used SOA architecture to retrieve data.
* Worked on **Swagger** API, auto-generated documentation for all **REST** calls and to generate automated domain classes.
* Used kubernetes to manage applications by inspecting and performing CRUD on clusters and worked on docker with kubernetes to create pods for application and deployed across multi node **kubernetes** cluster.
* Involved in developing UI pages using Angular 4.0, HTML5, CSS3 and Twitter Bootstrap.
* Worked on deployment of client –facing Docker containerized application on google cloud platform kubernetes.
* Deployed **Docker** contained **Spring Boot** services into kubernetes using Tectonic kubernetes console andconfigure each pod to pick five alerts from the table and updated the pod count to run the application.
* Updated and deleted deployment services in kubernetes for image and configuration update in YAML file.
* Used Jenkins promo job in promoting environment to corresponding docker images and test with kubernetes tools.
* Used Jenkins for continuous integration and delivery environment. Created and run pipelines to successfully deploy in Dev, Test, Stage and Prod environments.
* Expertise in Advanced JavaScript libraries and frameworks such as **Angular4** and **Node.JS v6** Object oriented programing in JS.
* Wrote SQL commands and stored procedures to retrieve data from sql database and for triggers to ingest the data.
* Investigate, debug and fixed potential bugs or defects in the implemented code and wrote Junit tests, integration and Mockito test cases with minimum code coverage of above 80 %. Tested components using JUNIT & MOCKITO.
* Participated in code review and mentoring sessions and **GIT hub** as version control and **GIT Bash** for GIT GUI interactions. Experience with adobe acrobat and populating form fields.
* Wrote various scripts for creating/modifying tables, SQL **queries, and stored procedures** and explain plans and **triggers** as per applications requirements and enhanced performance by running the application.
* Worked on **Swagger** API and auto-generated documentation for all **REST** calls.
* Worked on a web application using Eclipse IDE, Used **Gradle** build tool to build and deployed application on **Tomcat** application server. Used groovy to develop unit test cases and mock testing.

**Environment: Spring MVC, Spring Core, Spring MVC, HTML, CSS, Gradle, Jenkins, groovy, Junit, Mockito, Adobe acrobat pro, Java/J2EE,Groovy, Apache Camel, Apache Kafka, Angular 4, GIT Hub, Kubernetes, Splunk.**

**Client: Caterpillar, Peoria, IL    Mar’ 2017 – Jul’2018**

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

**Description:** Adding new functionalities to the existing dealer Software licensing system with the new Flex Net Licensing system and enhancements to the current Licensing system. It mainly involves application re-design and adding new functionalities to the new licensing system. Several dealers worldwide use this application for creating a new software license or renewing an existing license or to cancel their license. The application also has several new functions, which involves assigning a new license to another user or creating user, generating reports based on different criteria and user management in which a new user can be added to the system or edit an existing user present in the system.

**Responsibilities:**

* Involved in Requirement gathering, Design, Analysis and Code development by following**Agile** methodology.
* Developed UI pages with **HTML5, CSS3, JavaScript, jQuery,** and used **Boot Strap** for creating Responsive Web pages.
* Created **AngularJS Controller** to control the flow of data which isolate scopes perform operations in UI pages.
* Creating a range loop directive, modules, Expressions, scope, Templates and components in **AngularJS, ReactJS, NodeJS and** developed the server-side single page applications on **AngularJS** platform using **JavaScript** programming.
* Used **Multi-threading** to overcome the errors in transactions and to handle all the threads by the main thread process.
* Developed the Application using Spring Features like **Spring MVC, ORM, Spring Boot and Spring Security** for**application access**and**authorization, Spring Integration, Spring AOP** for crosscutting concerns.
* Used **Spring Ribbon** API to check servers are up and running in live environment to detect those servers that are down.
* Designing and implementing scalable, **RESTful** and **Micro-services-based services for** mobile back-end. The back-end written in **Java** using **Spring Boot** for simplicity and scalability.
* Designed **Spring boot** mechanism without configuration XML's and replaced it with Java classes and used **Spring Boot** **Actuator** to externalize application's configuration properties for different environments.
* Used **Spring Batch** as spring batch jobs for automatic processing of large amount of data in the application.
* **Spring MVC Framework IOC**design pattern used to have relationships between application components. It is used to separate the application configuration and dependency specification from the actual application code.
* Used **Hibernate** environment for configurations, mappings, annotation extensions for easy mappings, relationships between tables and entity classes to access and update information in the database.
* Extensively used **Hibernate** concepts such as **inheritance, lazy loading, dirty checking, locking, and transactions**.
* Worked with Advanced **Java 1.8 features like Lambda** for adding functionality processing capability and **Stream API** to facilitate pipeline processing and method to eliminate elements based on the criteria.
* Worked on **Oracle 11g**database concepts such as locking, transactions, indexes, sharing, replication, schema design.
* Created **Stored Procedures**, User Defined functions, Views and implemented the Error Handling in the Stored Procedures and Modified already existing stored procedures, **triggers, views, indexes** depending on the requirement.
* Configured and verified **AWS** workstations as per application requirement and deployed application to AWS cloud.
* Worked on creation of custom **Docker** container images, tagging and pushing the images to the servers.
* Used slick to **query and storing** in database in a Scala fashion using the powerful **Scala collection framework.**
* **Designing, Development, JUnit testing** and **Integration** of many components of the applications from end-to-end and Prepared **Junit** test cases and executed them using **Junit** and **Continuum** for integration testing.
* Develop unit test using **Karma** and **Jasmine**. Followed strict patterns of RA team for unit test cases with **jasmine**.
* Used **JMeter** for stress testing**, Selenium WebDriver** for testing the automation code**.**
* Used **Maven** as a build tool for compilation and building JAR, WAR and EAR files and retrieved all the dependencies required for the running the application, Log4J for logging errors, messages and control log statements.
* Worked on **Git** as version control management and **JIRA** as Defect management for bug, issue tracking of application. Used **JENKINS** for **continuous integration (CI)** and **continuous deployment (CD)** pipeline.
* Implemented the application using **design patterns** such as **Session Façade**, **Business Delegate**, **Adaptor**, **Bean Factory** and **Singleton** and Deployed the application in **Apache Tomcat Server.**

**Environment: HTML, CSS, Bootstrap, AngularJS 2.0, React JS, Ajax, Rest web services, Micro Services, SpringMVC, Java 1.7/1.8, Scala, Multithreading, Spring 4.x, Hibernate 4.x, Spring Batch, Oracle 11g, Apache Kafka, AWS, Docker, ELK, Spring Security, JUnit, Karma, jasmine, Jenkins, Apache Maven, JIRA, Git.**

**Client: Mercury Insurance Group, Los Angeles, CA Apr‘2016 – Feb’ 2017**

**Role: Java/J2EE Full Stack Developer.**

**Description:** The insurance-based company provides insurance for car, homes Condo, business auto insurance etc. The developed application provides web based online insurance services. Application also supports features for customer care services and internal reporting and log maintenance. The application had been developed using Struts framework along with hibernate and log4j.

**Responsibilities:**

* Participated in designing of the framework, required technique to use in each component. Involved in requirements gathering and analysis from the existing system. Captured requirements using Use Cases and Sequence Diagrams.
* Developed UI using **HTML**, **CSS** and **jQuery** to display the data on the client side. Wrote **SPA (Single page web applications**) using **NodeJS**as the server side**, GULP, WEBPACK (ES6),Restful** web services plus **AJAX** and **Angular JS**.
* Used **backbone JS** to optimize in-browser use, to load the module and to improve the Speed. Front-end development by utilizing Java script frameworks such as **jQuery**, **Backbone Js**,**NodeJS** and **AngularJS.**
* Developed a dashboard based on **Ajax calls** with Business Customers Count, Flags, Real-time graphs for Analytical Reporting using **NodeJS** and Wrote code to fetch data from web services using **jQuery AJAX**for asynchronous communication**via JSON** response and updating the modified data to display in UI pages.
* Called web services with **REST Architecture** to specify constraintsthrough **Angular JS** services to get **XML file** data.
* Involved in implementation of enterprise application communication and integration with **Web Services** and **Legacy** Systems using **REST** (Using **Axis** and **Jersey** frameworks).
* Used various **Core Java** concepts such as **Multi-Threading, Exception Handling, Collections**framework extensively to store, retrieve and manipulate data objects of application in the business logic layer.
* Involved in writing **Spring** Configuration **XML** file that contains declarations and another dependent objects declaration.
* Used **J2EE** Design patterns like Singleton, Service Locator, Session Façade and Business Delegate during development.
* Developed **micro services** with **Spring Eureka** to retrieve **API** routes for the entire cluster. Using this strategy each micro service in a cluster can be load balanced and exposed through one **API gateway.**
* Used **Spring Transactions** in the application and spring beans to develop Session beans for the business logic.
* Designed and developed Application based on **Spring Framework**, **Spring MVC** and **spring templates,** Used Spring Framework for **Dependency Injection** and integrated with **Hibernate DAOs** for ORM mapping.
* Composed and executed **MongoDB** documentscripts to insert, update NoSQL database, automating data changes.
* Used **NoSQL MongoDB** databaseto provide recommendations on Performance tuning for applications.
* Used **Hibernate framework** in persistence layer for mapping an object-oriented domain model to a relational database.
* Worked on **Pivotal Cloud Foundry** to host**Application**, which used to role-based access controls, applying, enforcing roles and permissions to ensure that users can only view and affect the spaces for which they have been granted access.
* Redesign monolithic service into **Microservices** based architecture using spring boot and **pivotal cloud foundry.**
* Developed EJS access layer and components using **JPA/Hibernate** frameworks implementations for object persistence to Derby database for mock domain and for real time domains.
* Used Selenium Data Driven framework for testing the application and integrating it with**Maven** [Build Management Tool], **TestNG** [Unit Testing tool] and **Jenkins** [Continuous Integration Tool] for continuous delivery pipeline.
* Created and configured management reports and dashboard using **Splunk** by identifying data patterns, metrics.
* Implemented the logging using **log4j**framework, whichused to log both User Interface and Domain Level Messages.

**Environment: J2EE 1.8, spring 4.0, Hibernate 4.0, AJAX, JMS 1.1, XML, SOAP, WSDL, REST, JDBC, JAX-WS 2.2, JavaScript**

**1.8.2, AngularJS, NodeJS, UML, HTML5, JAXB 2.2, SVN, Log4J, JMeter, WebSphere 8.5 Application Server, Eclipse, Maven, Jasmine, Karma, Protractor, Jira.**

**Client: Vision Labs, India Sep’ 2014 – Dec’ 2015**

**Role: Java/J2EE Developer**

**Description:** It is a web-based solution that provides companies with a timely and cost-effective means of providing excellent customer service, sales assistance, and support which consists of four modules: Client Console, CSR Console, Supervisor Console and Administrator Console.

**Responsibilities:**

* Worked with **JAXB**, **SAXP** and **XML Schema** for exporting data into XML format and importing data from XML format to data base and **JAXB** in the web services request response data marshalling as well as unmarshalling process.
* Implemented the **web services** client to consume the third-partyservice API for validating credit cards information.
* Used **XMLWeb Services** using **SOAP** to transfer the amount to transfer application that is remote and global to different financial institutions and designed configuration **XML Schema** for the application.
* Used **Java Messaging Services (JMS)** for reliable and asynchronous exchange of important information such as payment status report, parsing of JMS XML messages and developed generic Java packages to produce and consume **JMS** messages through topics and queues in asynchronous message processing with guaranteed delivery.
* Implemented views, modules using **Struts tags, JSTL2.0, Mappings, Expression Language.**
* Implemented the MVC architecture using Apache **Struts1.2** Framework and **Tiles Framework** for the **view’s layout**.
* Worked with various java patterns such as **Service Locater** and Abstract **Factory Pattern** at the business layer for effective object behaviors, used to have relationships between application components.
* Wrote **SQL** queries, stored procedures, modifications to existing database structure for addition features **Controller Servlets, Action, Form objects for process** of interacting with **Oracle** database **and retrieving dynamic data.**
* Developed **Unit test cases** using **Junit** and Developed **ant scripts** and developed builds using **Apache ANT.**
* Used Log4J to capture the log that includes runtime exceptions and to create Daily Rolling Log.
* Created the design documents with **use case diagram, class diagrams, and sequence diagrams** using **Rational Rose** and Used Clear **Case** for **source code maintenance.**

**Environment: J2EE, Java SDK, XML, SAX, JSP, JMS, HTML, JavaScript, Struts, Hibernate, Servlets, Eclipse, Web Services, JUnit, Unix, JNI, WebSphere Application Server, ANT, CVS, Oracle 10g.**

**Client: Hitachi, Hyderabad, India Mar’2012 – Aug’2014**

**Role: Junior Java Developer**

**Description:** Hitachi Solutions is a leader in providing industry solutions based on Microsoft Dynamics AX and Microsoft Dynamics CRM. It is a Security’s Application that helps to fully understand the vulnerabilities in applications, whether it’s a public website serving customers, a third-party supplier interface into corporate CRM or even stand-alone applications, because of this application Identify the flaws, vulnerabilities and risks that applications are subject to, based on their level of severity and provide better security.

**Responsibilities:**

* Highly responsive in Design, development, Implementation and deployment of **SDLC** of entire project.
* **Agile** methodology been followed. Experience with Retrospective meetings and actively involved in Client Interaction and Timely delivery of modules and resolving product issues.
* Developed front-end using **JSPs, HTML, CSS**, Bootstrap, and JavaScript for client-side validationsand **JSF** validation framework for front-end validations and **JSP** custom tags in the web tier to dynamically generate web pages.
* Analyzed the User Interface (UI) requirements and developed the complete UI pages for web portal from the scratch.
* Contributed to project by working on end-to-end flow - developing JSP's for front end, by developing **Servlets** as Controller, BO classes in middle tier and **EJB** as model in the **Struts** Framework.
* Implemented the Email module, which included setting up **JM message queue**, designing and developing email client which sent Java messages to the message queue, designing and developing **message driven beans** Involved in writing and executing **stored procedures**, functions and triggers for **ORACLE** to create a Database Management System and Wrote **Prepared statement** and used API.
* Created Unit test, **Acceptance test and Integration** Test Documents and Code Review Documents, performed**regression testing** on application modules, delivering 100% user accepted applications.
* Written **ANT** scripts for building application artifacts and Used **JIRA** for issue tracking.
* Designed the workflow for the client side and server side in UML using Rational Unified Process (RUP) and created the detailed Design documentation.
* Involved in walk through with the analysis for Use Cases, feasibility scope and designed Class Diagrams, Sequence Diagrams and Object Diagrams, using IBM Rational Rose to model the detail design of the application.

**Environment:Java, J2EE, HTML, CSS, JSP, Servlets, EJB, JavaScript, MySQL, Struts, JMS, Eclipse, Web logic Server, Jdbc, Junit, UML, Rational Clear Case, Ant, Jira.**