**MOHAMMED MUZAMMIL**

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**PROFESSIONAL SUMMARY:**

* 10 years of experience as a Full Stack Java/UI Development using spring technologies (MVC, Spring. 4, core, Hibernate, boot, integrations, security) in various domains & frameworks.
* Strong experience writing and creating XML, XHTML, XML Schema (XSDs), and XML Parsers like SAX and DOM.
* Experience in Web Applications Development, a good understanding of JAVA, HTML/HTML5, CSS2/3, JavaScript, and extensive experience in web standards, accessibility, and internationalization.
* Worked on publishing and consuming messages using KAFKA.
* Strong background in Core Java, Exception Handling, and React JS
* Development experience with Java 17.
* Experience in Angular.JS for application implementation, proficient in creating modules and controllers.
* Good understanding of analyzing big datasets and finding patterns and insights within unstructured and structured data.
* Write unit and integration tests to ensure robustness of Python and Java modules integrated via Kafka.
* Coordinate with developers and architects to design scalable distributed systems using Kafka and streaming.
* Investigate application crashes or bugs in Java-Python-Kafka pipelines based on log data and traces.s
* Created service now tickets for tracking the development and testing schedules with different parameters.
* Hands-on experience using technologies like Ajax, Java Script/jQuery, and JSON to connect servers and MongoDB.
* Experienced in XML technologies such as DOM, SAX, STAX, XSLT, XPATH
* Strong experience working in Design Patterns.
* Proficient in Object Oriented Design/Development (OOD), Object Oriented Analysis and Design (OOAD), Model View Control (MVC) design pattern, and Test-Driven Development (TDD).
* Extensive experience in developing applications using Java, J2EE, JDBC, Servlets, JSF, JSP, Struts MVC 1. x, Spring MVC 4.0, Spring Boot Hibernate 4.3, XML-WS, Ant, Maven.
* Experience designing and coding user Interfaces using JSF and developing custom components using JSF.
* Designed and implemented an authentication-enabled Spring Boot web application to store user information with an encrypted password.
* Used Spring Boot for creating POC.
* Implemented service layer using Spring IOC and annotations and Controllers using Spring MVC.
* Knowledge of functionality using Spring IO / Spring Boot, Hibernate ORM.
* Implemented Java EE components using Spring MVC, Spring IOC, Spring transactions, and Spring security modules.
* Expertise in implementing IOC (Dependency Injection) and AOP features in various aspects of Spring Framework (Core, Web, JDBC, MVC, and DAO) and experienced in integrating Spring Web Flow with other frameworks like JSF.
* Involved in automation process through Jenkins CI and CD.
* Strong knowledge of Object/Relational mapping using Hibernate with Spring Framework.
* Implemented DAOs, and entities using Hibernate API and Hibernate QL.
* Knowledge in designing applications using J2EE Design Patterns like creational, structural, and behavioral design patterns (MVC Architecture, Business Delegate, Data Access object) and GOF patterns Singleton and Abstract Factory.
* Good Work experience on various IDEs like Eclipse, STS, IntelliJ
* Experience in using a variety of J2EE Application Servers such as IBM WebSphere, BEA WebLogic, Apache Tomcat, and JBoss.
* Experience creating and consuming SOAP and RESTful Web Services using JAX-WS, JAX-RS, WSDL, and SOAP, JSON messages.
* Adapt to server-side development skills using WebLogic, WebSphere, Apache, and good database connectivity (JDBC) knowledge for databases like Oracle, SQL Server, and MySQL.
* Experience in working with the NoSQL-MongoDB.
* Developed Complex database objects like Stored Procedures, Functions, Packages, and Triggers using SQL and PL/SQL.
* Grail’s framework with Gradle build tool
* Design and Modeling Tools UML, J2EE Design Patterns, Rational Rose
* Knowledge of WebSphere ESB/WESB.
* Good experience in using Log4J and Junit for testing.
* Good experience using GIT, Subversion (SVN), and ClearCase for Version Control.
* Involved in deploying systems on Amazon Web Services Infrastructure services EC2, S3, RDS, and Cloud Formation.
* Worked on AWS, High Availability Practices, and deploying backup/restore infrastructure

**TECHNICAL SKILLS**

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| --- | --- |
| **Programming Languages** | Java, J2EE (JSP, Servlets and JDBC) |
| **Open Source Frameworks** | Spring Framework4.0 (Spring Integration, Spring MVC and Spring Batch), Spring Boot, Struts1.2/1.3/2.0, Hibernate 4.1/4.2, JUnit |
| **Web Service** | Web Service (RESTful and SOAP), JAX-WS, Micro Services |
| **Web Technologies** | JavaScript, JSF, HTML5, jQuery, Angular JS, Bootstrap, CSS3, XML, AJAX, JSON, XSLT, XSD, SQL, PL/SQL, UML |
| **Databases** | Oracle 11g, DB2, SQL Server 2012 and My SQL5, HSQL (Hyper SQL), Mongo DB |
| **Application/ Web Servers** | JBoss 5.1, Web sphere Application Server, Web logic 10.3, Apache Tomcat 5x and Oracle AS |
| **IDE** | Eclipse Mars, NetBeans, WID (Web Sphere Integration Developer) |
| **Configuration Management Tools** | GIT, SVN (Subversion), IBM Clear Case |
| **Operating Systems** | MS Windows, Linux Family |
| **Development Methodologies** | Agile: Extreme programming, Scrum |
| **Domain Experience** | Finance and Manufacturing |
| **Build Tools** | Jenkins, Apache Ant and Maven |
| **Other Tools** | JUnit, SonarQube, Soap UI, Putty, WinSCP, Sublime text, and Edit Plus |
| **Cloud Administration** | AWS EC2, S3, ELB, EBS, AMI, IAM |
| **Design Patterns** | Singleton, MVC, Factory, Value Object, Session Façade, Business Delegate. |

**PROFESSIONAL EXPERIENCE:**

**Morgan Stanley Inc., Remote (Infosys) July 2022- March 2023**

**Software Engineer**

**Description:** Morgan Stanley & Co. LLC operates as an investment management company. The Company offers wealth management, capital markets, investment banking, research, trading, recapitalizations, equities valuations, and financial advisory services. Morgan Stanley & Co. serves customers worldwide.

**Responsibilities:**

* Designed and developed a multi-tier, custom web application to place trades and monitor trades in the trade blotter, checking the trade status from OMS service update statuses in the blotter.
* Integrated E-Trade and Morgan Stanley applications to create a single-page portfolio of the customer.
* Redesign to support trade load of up to 8000 advisors in one bulk trade process.
* Wrote advanced Java code to avoid boilerplate code and avoid overhead costs.
* Reviewed existing on-prem Java applications and plan migration strategy to AWS and serverless architecture
* Lead migration effort - setup AWS accounts, networks, permissions, CI/CD pipelines
* Developed new backend features and APIs using Node.js and frameworks like Express.js
* Refactored existing legacy code from monolithic to microservices architecture using Node.js.
* Implemented robust authentication mechanisms for REST APIs using Passport.js.
* Integrated Node.js services with Java applications through message brokers like Kafka.
* Followed best practices like proper error handling, caching, and security in Node.js code.
* Wrote unit and integration tests for Node.js code using Mocha, Chai etc.
* Contributed to CI/CD pipelines for build, test and deployment of Node.js services.
* Collaborated with frontend developers to build responsive single page apps consuming Node.js APIs.
* Monitored and optimized performance of Node.js services running in containers.
* Participated in code reviews, architecture discussions and technology evaluations.
* Kept up-to-date with new frameworks and technologies in the Node.js ecosystem.
* Documented Node.js services and APIs using OpenAPI/Swagger specifications.
* Identified and fixed bugs and issues in Node.js applications in development and production.
* Provided support for troubleshooting issues faced in deployed Node.js applications
* Set up logging, monitoring, alerts to gain observability into apps after migration
* Optimize performance and costs, right size infrastructure and capacity
* Coordinate with developers, ops engineers, security and compliance teams
* Provided technical guidance on AWS, Kubernetes, and serverless development
* Continuously assess and recommend new AWS features and services.
* Maintained solid understanding of Java, Node.js, AWS, DevOps, and web architecture.
* Write and maintain server-side web application logic using Node.js and frameworks like Express.js.
* Build RESTful APIs and integrate with front-end frameworks like React, Angular, or Vue.js.
* Designed and implemented data and API services, databases, caching layers, and storage solutions.
* Wrote tested, reusable, and modular code using principles like DRY and SOLID.
* Implemented authentication, authorization, and other security features.
* Created Kafka producers and consumers using Java client API to integrate with event streams.
* Implemented error handling, retries, and idempotent writes in Kafka clients for reliable data delivery.
* Designed Azure functions to ingest, transform, and load data into Cosmos DB using MongoDB API.
* Wrote Canonical Data Model-based APIs for decoupling business logic from specific data storage.
* Developed reusable Java libraries with MongoDB and Kafka connectivity for use across applications.
* Performed data analytics on Cosmos DB using Mongo aggregations and Java streams.
* Containerized Java microservices using Docker and managing them with Kubernetes on Azure.
* Use the CloudWatch SDK for Java to instrument your code and publish custom metrics, logs, and events to CloudWatch. This allows you to monitor, analyze, and react to what's happening in your Java application.
* Enable CloudWatch monitoring for resources like EC2 instances, EBS volumes, etc. When used with Java apps, this gives visibility into system-level metrics like CPU, network, disk usage etc.
* Use CloudWatch Events to run tasks based on events from your Java app, like code deployments, exceptions, or on a schedule. Events can trigger Lambda functions, notify SNS topics etc.
* Consider using embedded metrics formats like metrics2 or metrics3 to publish structured application metrics from your Java code. These integrate nicely with CloudWatch.
* Provided technical mentoring to junior developers on best practices for Java, Kafka and cloud architecture.
* Developed backend logic with Java 17 using technologies including Spring framework and multi-Threading.
* Worked with creating switch pattern matching and generating sealed classes with Java 17
* Developed new user interface features and components using Angular and TypeScript. Followed best practices like modular design, separating concerns, reusable code etc.
* Integrated front-end Angular code with back-end REST APIs, microservices, and databases. Coordinated with back-end developers.
* Implemented responsive and adaptive UI layouts that worked seamlessly on mobile and desktop. Followed principles of mobile-first design.
* Investigate application crashes or bugs in Java-Python-Kafka pipelines based on log data and traces.
* Implement Kafka producers in Java/Python to publish data to Kafka topics and consumers to process streaming data.
* Build high-performing services and data pipelines using Java, Python and Kafka Streams API.
* Execute scripts for the storage units with both SQL and NO SQL DB.
* Experience with React JS components, forms, events, keys, and routers.
* Hosting and running applications on cloud technologies like AWS and APIGEE platforms and utilizing their service-based models.
* Used react-router to turn page into single page application(SPA)
* Utilizing AWS S3 to store data elements.
* Used Spring Kafka API calls to process the messages smoothly on the Kafka cluster group.
* Developed CI/CD system with Jenkins on Kubernetes environment utilized Kubernetes and Docker for the runtime environment for the CI/CD system to build, Test, and Deploy
* Container management uses Docker by writing Docker files, setting up the automated build on Docker HUB, and installing and configuring Kubernetes.
* Used service now to configure the ticketing system for the design, development, testing, and production phases.
* Configured service properties to suit the project timelines and severity of the service now tickets.
* Using the Kibana tool for log search and analytics to triage issues proactively.
* Consuming RESTful web services for various service-level calls to different applications’ endpoint URLs.
* Integrating multiple internal applications gives customers a holistic view of various application components.
* Providing production support to multiple applications with the SRE approach for designing and building code with high reliability
* Creating test cases, test scenarios, and test plans for testing and resolving technical/business queries
* Resolving and performing the root cause analysis for the tickets generated in the ServiceNow and JIRA ticketing tools and raising the tickets to provide the solution.
* Composing SOPs for the team to address the crisis and provide ad hoc solutions in the given SLA timeframes.
* Working across teams to maintain the data flow from upstream and downstream systems.

**Environment:**  Java 17, J2EE, Spring Boot, Ruby, Restful Webservices, XML, Python, Eclipse IDE, AWS, Cassandra DB, GitLab, Agile Methodology & SOAP Webservice

**Humana, Inc., Louisville, KY (UST Global) November 2020- June 2022**

**Lead I- Software Engineer**

**Description:** Humana Inc. is a for-profit American health insurance company based in Louisville, Kentucky. In 2021, the company ranked 41 on the Fortune 500 list, which made it the highest-ranked (by revenues) company based in Kentucky. It has been the third-largest health insurance in the nation.

**Responsibilities:**

* Conducting technical design reviews to ensure architecture governance compliance.

•     Work with the UST integration team to ensure solution quality and architecture compliance.

* The application is built in a microservice architecture
* Coded micro-level validation using Ruby programming with an emphasis on web security.
* Developing new features and functionalities for backend services and APIs using Java 11 and the Spring framework
* Optimizing and refactoring existing backend code and services written in Java 11 to improve performance and reliability.
* Building new microservices and distributed systems using Node.js and frameworks like Express
* Implementing robust authentication and authorization for API endpoints using JSON Web Tokens, OAuth, etc.
* Integrating backend services built with Java and Node.js through asynchronous messaging with Kafka, RabbitMQ, etc.
* Following best practices for Node.js development like proper error handling, caching, security, etc.
* Contributing to continuous integration and deployment pipelines for the backend systems
* Collaborating with frontend developers to ensure seamless integration between the backend and frontend.
* Monitoring and troubleshooting issues with Java and Node.js services in production environments.
* Participating in code reviews, design discussions, and technical planning sessions
* Keeping up-to-date with new technologies and frameworks for Java and JavaScript and advocating for their usage
* Created various DML and DDL statements using Oracle Pl/SQL and SQL
* Leveraged Angular services, dependency injection, pipes, directives, etc., to build dynamic applications with enhanced user experience.
* Ensure reliable data delivery from Python to Java apps using Kafka transactions and error handling.
* Using service now for the customers to raise tickets for software-related queries, issues, and tracking.
* Initialized implementing the service now tool to configure metrics based on SLA.

•  Working consistently in Agile development methodologies, including JIRA, SCRUM, Git, and Bitbucket.

•     Working with the client Humana and conveying technical information effectively

* Managed local deployments in Kubernetes, creating local clusters and deploying application containers
* Working on the tickets created in ServiceNow by Humana’s customers and clients.
* Supporting applications in production and working with service managers to decide the priority, severity, and impact on the business.
* Supporting multiple internal applications that are in production.
* Monitoring, logs, reports on buckets, and VM instance modifications are all in the Google Cloud Platform (GCP).

•     Identifying prospective growth areas in automation by analysing the Integration/Middleware landscape.

•     Ensuring repeatability and reusability of integration design, processes, and code

•     Consistently use analytical skills - able to synthesize complex information.

•     Deploying expertise in estimation techniques.

•     Performing other duties and special projects as assigned.

•     Support or conduct staff mentoring as needed.

•     Providing constructive feedback and performance monitoring of the team members

•     Complying with the organization's Code of Conduct, all regulatory and contractual requirements, organizational policies, procedures, and internal controls.

**Environment:** Java 17**,** GCP,Service Now, Git Lab, Ruby, Windows Virtual Directory, Core Java, J2EE, JSF, Spring, SOAP Webservice, SOAP UI, XML, Eclipse IDE, Postgres SQL, Oracle, Agile Methodology.

**Verizon Communications, Inc., Irving, TX June 2019- October 2020**

**Sr. Java Developer**

**Description:** Verizon Communications Inc. is an integrated telecommunications company that provides wire line voice and data services, wireless services, Internet services, and published directory information. The Company also provides network services for the federal government, including business phone lines, data services, telecommunications equipment, and payphones.

**Responsibilities:**

* Followed Agile software development and most phases of the Software Development Life Cycle (SDLC), including business requirement analysis, design, implementation, and testing.
* The project involved is a law named “California Consumer Privacy Act (CCPA), “wherein customers can perform operations like Preview, Download, and delete their information stored in Verizon and its third-party systems.
* Worked with configuring AWS IAM
* Using Spring Boot application and a Microservice architecture.
* Implemented Spring Boot microservices to process the messages into the Kafka group.
* Developed front-end UI using Angular 2
* Use CloudWatch Logs to collect and view logs generated by your Java applications. You can define log groups, streams, and filters to slice and dice the log data.
* Implement request tracing with X-Ray SDK for Java. This traces HTTP requests made by your Java app and displays a service map showing calling relationships.
* Set CloudWatch alarms on metrics emitted by your Java app or supporting resources. Alarms can trigger notifications or auto-scaling actions.
* Implemented state management solutions like NgRx to manage app state and data flow.
* Followed Angular style guides and best practices during development. Kept code clean and maintainable.
* Stayed updated with new Angular releases and features. Upgraded or refactored code to leverage latest improvements.
* Collaborated with UX/UI teams to understand user requirements and translate them into effective front-end solutions.
* Experience using NoSQL (MongoDB) data models document, key-value & wide column, or graph models.
* Utilized the design patterns such as singleton and factory for different applications.
* Developing the application using Java 8 and REST API as a part of continuous integration.
* Developed and deployed a Java-based spring boot application.
* Fine-tuned procedure/SQL queries for maximum efficiency in various databases using Oracle Hints for Rule based optimization.
* Utilized Kubernetes and Docker for the runtime environment for the CI/CD system.
* Collaborating with the core development team and the business analyst to define and estimate business requirements and then translate these into specific software tasks using the JIRA tool.
* Elaborated on the Use Cases based on business requirements and was responsible for creating class diagrams and sequence diagrams to understand the existing architecture.
* Writing unit test cases for newly implemented methods and classes in the developed code
* Analyzing system flows and design documents while writing.
* Implement and maintain interface elements, framework, and process for our standalone and web applications using continuous integration/ continuous delivery (CI/CD) pipeline Jenkins.
* Worked on developing UI using Angular 4 through rapid prototype generation, thorough testing, and integrating features and improvements /fixes, ensuring seamless, functional solutions.
* Coordinating with the teams spread across, which are System of records or downstream applications to integrate various applications fulfilling the business requirement of CCPA.
* Created and consumed REST APIs
* Worked with streaming architecture, Kafka.
* Involved in CICD process using GIT, Nexus, Jenkins job creation, Maven build, Create Docker image and deployment in AWS environment.
* Implemented Kafka high-level consumers to get the data from Kafka partitions and move it into HDFS.
* Integrated Apache Kafka with Elasticsearch using Elasticsearch connector to stream all messages.
* Familiarity with AWS Components such as Lambdas, Code Build, Cognito, and API Gateway
* Code Unit / Integration tests to allow for embedding in Continuous integration service
* Worked in all phases of SDLC, including requirements analysis, design and development, bug fixing, supporting QA teams, and debugging production issues.
* Worked with a swagger tool to create the documentation for the API.
* Worked with REST clients like Insomnia and POSTMAN to work with different HTTPS methods like POST, GET, PUT, and DELETE.
* Worked with EC2 instances and used the S3 bucket to store the files sent by the downstream systems.
* Worked with Cassandra DB, created tables, and performed multiple queries to get the data from it.

**Environment:** Core Java, J2EE, Spring Boot, Restful Webservices, XML, Eclipse IDE, AWS, Cassandra DB, GitLab, Agile Methodology.

**Connecticut Department of Labor, Wethersfield, CT (TCS) January 2019 – June 2019**

**Java Full Stack Developer**

**Description:** The Connecticut Department of Labor and its Office of Research offer many valuable business services, including producing Labor Market Information. Labor Market Information includes professionally compiled and analyzed economic and labor market data. For businesses, this information is helpful in product marketing, new location studies, wage analyses, and economic research. It helps make better-informed decisions on expansion, investment, hiring, and other aspects of business management.

**Responsibilities:**

* Followed Agile software development and most phases of the Software Development Life Cycle (SDLC), including business requirement analysis, design, implementation, and testing.
* Developed the application using Java 1.8 and SOAP APIs as part of continuous integration.
* Used JSF, HTML5, and CSS3 to develop the User-Interface (UI) panels.
* Developed user interface by using ReactJs, and Flux for SPA development.
* Developed and deployed Java application using MVC framework on WebSphere liberty server.
* Collaborating with the core development team and the business analyst to define and estimate business requirements and then translate these into specific software tasks using the jazz tool.
* Creating new Java methods using existing soap APIs and MVC framework based on the requirements.
* Elaborated on the Use Cases based on business requirements and was responsible for creating class diagrams and sequence diagrams to understand the existing architecture.
* Write unit test cases for newly implemented methods and classes in the developed code on the domain side.
* Analyzing system requirement specifications and design documents while writing test cases.
* Participated in creating database objects like tables, views, Materialized views, cursors, procedures, packages using Oracle tools like PL/SQL, SQL\*Loaded, and Handled Exceptions.
* Worked in all phases of SDLC, including requirements analysis, design and development, bug fixing, supporting QA teams, and debugging production issues.
* Developed User Interface using HTML5, CSS3, JavaScript, Dojo, AngularJS, ReactJS, jQuery, and Bootstrap for providing user interface and communication between the client and server.
* Used Eclipse IDE for designing, coding, and developing applications. Involved in the development of the presentation layer and GUI framework using HTML. Client-Side validations were done using JavaScript.
* Used Squirrel SQL Client to interact with the databases.

**Environment:** Core Java, J2EE, JSF, Spring 3.0, Spring IoC, HTML5, XHTML, CSS3, Hibernate 3.0, XML, Eclipse IDE, Squirrel SQL Client, Agile Methodology.

Federal-Mogul, Detroit, MI January 2017 – December 2018

**Java Full Stack Developer**

**Description:** Federal-Mogul Corporation is an American developer, manufacturer, and supplier of products for automotive, commercial, aerospace, marine, rail, and off-road vehicles and industrial, agricultural, and power-generation applications. The project aims to develop a B2B e-commerce application to help vendors and small businesses order different products.

**Responsibilities:**

* Extensive experience with AngularJS, creating custom directives, decorators, and services to interface with restful and legacy network services and DOM applications.
* Extensive experience with modern front-end template frameworks for JavaScript, including Bootstrap, jQuery, AngularJS, etc.
* Bootstrap was used along with AngularJS in creating the Application.
* Developed Web Services using XML messages that use SOAP. Developed Web Services for Payment Transactions and Payment Release.
* Effectively developed Action classes, JSP, JSF, and other configuration files like struts-config.xml and web.xml.
* Implemented code per coding standards & Created AngularJS Controller, isolating scopes to perform operations.
* Involved in designing, developing & testing J2EE components like Java Beans, Java, XML, Collection Framework, JSP, Servlets, JMS, and JDBC deployments in Web Logic Server.
* Used Spring Framework to implement MVC design pattern.
* Implemented the Spring Web Flow2 framework for managing navigation and page flow and used design patterns like MVC and DTO for the back-end tier development.
* Implemented the Star rating for the health plans using jQuery, and Ajax.
* Created Action-validation.xml file for validating the input actions for form validation and modified struts.xml file.
* Maintained, structured, and surveyed documents within the NoSQL MongoDB database, ensuring data integrity, correcting anomalies, and increasing the overall maintainability of the database.
* Composed and executed MongoDB scripts to insert and update NoSQL database, automating data changes and reporting.
* Involved in Exception handling (hibernate, SQL and generic exceptions) and displayed appropriate messages.
* Developed Web Services that used Micro Services.
* Build Service Oriented Architecture using J2EE, Spring and JAX-WS web service modules.
* Developed interfaces and bean implementations for the same for propagating data on the JSPs.
* Implemented ORM using Hibernate for mapping the persistence layer to the database.
* Developed Hibernate.cfg.xml to define the connection pooling, which was being provided by Hibernate, did mapping for the POJOs in the application for which tables existed in the back-end DB and developed corresponding files.
* Written some part code of data storage in S3 and Glacier using the Amazon API.
* Worked on EC2 and VPC API to create instances and virtual private cloud in Amazon.
* Wrote configuration files for injecting Service Impls and DAO classes. Used spring AOP to implement logging and getting data source objects. Log4j was used to implement logging.
* Developed configuration files corresponding to beans mapped and backend database tables.
* RAD was used as the application development environment on the windows operating system.
* Used Object Oriented Programming and Multi-Threading.

**Environment: Java/ J2EE, EJB 3.1, Servlet 3.1, JSP, JNDI, HTML/HTML5, AngularJS, Bootstrap, JavaScript, Struts 2.0, Java Web services, MongoDB, AWS S3, EC2, Spring3.1, Oracle PL SQL, Unix, MQ, IBM WebSphere Application Server 7.1, Eclipse, JUnit, Oracle SQL Developer, Lotus Notes, QC/ALM, IBM Rational Clear case, Log4j.**

**GE Energy – Atlanta, GA**  **March 2015 – November 2016**

**Java Full Stack Developer**

**Description:** The GC system is owned by GE and is useful for creating quotes and send to ERP. Selected quotes can be converted into orders and sent to ERP. Four types of quotes/orders will come from four different turbines (Gas, Steam, Generator, Cast/Control). This application will have some validations for quotes/orders linked with EAI/Web Methods, Pegasus, and ERP teams. Moreover, this application deals with Sourcebook, FMI, QOEM, and EnggGIB modules. Orders or Quotes can be created from GC or from an external source. The Orders that are created from external sources are published through EAI integrations Web Methods; these Orders or Quotes are sent to ERP.

**Responsibilities:**

* An agile methodology using JIRA for issues and sprints.
* Used Spring Boot and was also involved in setting up the Spring Bean profiling.
* Developed REST services using Spring Data REST to serve the UI with required JSON data.
* Consumed SOAP/JAX-WS-based web services using Spring Framework and used SOAP UI for testing these services.
* Used Spring Data JPA to access data from Oracle Database; created Data Repositories.
* Worked on the front-end using AngularJS, HTML5, CSS, JavaScript, etc.
* Developed Angular controllers, services, and filters and developed HTML templates with various Angular directives such as ng-app, ng-controller, ng-repeat, ng-show, ng-hide, ng-change, etc.
* Used various Angular UI Bootstrap components such as calendars, masks, uploaders, sliders, alerts, modal dialogs, etc. For developing the UI.
* Set up the routing configuration using Angular UI router for various views and sub-views.
* Developed Angular services using resource service to perform REST API calls to the backend.
* Developed unit test cases using Jasmine and performed end-to-end testing using Protractor and Selenium.
* Contributed to a Spring MVC-based application, utilizing tech like Dependency injection, Hibernate, HQL, etc.
* Created multiple sessions, each with its own JMS producer objects being driven by separate threads.
* Implemented JEE design patterns.
* Used Node.js to run Grunt tasks, properly build the project (compile, minify, etc.) , and Implement modules into
* Node JS to integrate with designs and requirements. Used GruntJS, BowerJS, Express JS with NodeJS.
* Involved in enhancing existing MEAN (MongoDB, Express, Angular and Node) stack applications and provided the required support.
* Build REST web service by building Node.js Server in the back-end to handle requests sent from the front-end jQuery Ajax calls.
* Made the integration of data in several applications in favor of JSON documents with dynamic schemas using MongoDB (NOSQL) database.
* Created various MongoDB collections, wrote services to store and retrieve user data from for the application on devices and used Mongoose API in order to access the MongoDB from NodeJS.
* Regularly used tools like GIT and Maven.
* Created Test Plans for the QA team.
* Took part in setting up applications with Jenkins and AWS; and helped with Docker scripts.

**Environment:** Java 8, Multithreading, Spring Data, Spring Boot, Spring MVC, Hibernate, AWS, Docker, Kubernetes, Gulp, Tomcat, MongoDB, RESTful Web Service, Oracle, HTML5, CSS3, JQuery, AngularJS, Node Js, Express, JavaScript, GIT, JMS, Jenkins, Agile, JIRA tool, Selenium, Log4j, Maven.

**Maximus Inc, Reston, VA** **September 2013 – February 2015**

**Sr. Java Developer with UI**

**Description:** MAXIMUS, Inc. provides business process services (BPS) to government health and human services programs in the United States, the United Kingdom, Australia, Canada, Singapore, and Saudi Arabia. The Company provides Medicaid enrollment and the Children's Health Insurance Program (CHIP) services in the United States.

**Responsibilities:**

* Involved in several stages of SDLC by gathering the needs, analyzing the user specifications, implementing, debugging, and maintenance, and participating in Water Fall methodology for development.
* Developed test cases and followed Test Driven Development (TDD) methodology for unit tests using Jasmine test framework with the Karma test runner. Protractor was used for end-to-end testing. Tracked defects on Bugzilla.
* Designed and developed the front-end layout by using HTML, CSS.
* Developed several algorithms for generating several data patterns.
* Used jQuery for web page animation.
* Used Node.js for back-end design to interact with the database.
* Used jQuery to navigate the page jumps. Used jQuery handling events for UI page handle validation and form validation.
* Designed responsive web page by using CSS media queries to adjust the page layout under a certain type of devices.
* Implemented Ajax to update the prices and receive orders.
* Used Mongoose API in order to access the MongoDB from Node.js
* Used RESTful APIs for CRUD operations.
* Used Spring JDBC API to talk MySQL Database for Read and Write operations.
* Wrote scripts in JMeter to test the performance of the API's.
* Designed and Implemented the MongoDB schema. Wrote services to store and retrieve user data from MongoDB for the application on the device.
* Created statistic reports by using High charts.
* Tested functionalities of various modules by using JUnit.
* Used WebStorm as the IDE for the project team.
* Adopted SVN as the version control tool.

**Environment:** Windows, Java, Data structures and Design Patterns, HTML, CSS, Node.JS, JavaScript, Backbone.js, Bootstrap, Ajax, RESTful web services, WebStorm, JSON, QUnit, SVN, MongoDB, Mongoose API

**EDUCATION:**

* Bachelor’s in computer science from JNTUH. 2013
* Master’s in computer information technology from California University of Management & Science. 2017