**Mirza Sultan**

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**Professional Summary**

* Around 10 **Years** of experience in design, development and implementation of software applications using **Java, J2EE** technologies.
* Experience in Pair Programming, Test Driven Development, Waterfall model and **Agile methodologies like SCRUM.**
* Around 3+ years of as a GOLANG Developer
* Working on developing applications using React, Redux, NodeJS, HTML5, CSS3 relating to Contracting Management Lifecycle insurance applications for the Contractors
* Expertise experience in estimations, analysis, design, development, testing, maintenance, performance tuning and deployment of internet, e-commerce and client-server applications using **Java, Servlets, JSP, JavaBeans, JDBC, Spring, Hibernate, AJAX, JavaScript.**
* Worked on developing AWS Lambda functions using Node JS/Javascript.
* Experience in designing and developing Web based Enterprise Applications for J2EE platform using Core Java, Servlets, JSP, EJB, JMS, JSF, Swing, Struts, Spring, Hibernate, XML, JDBC, Web services and SOA.
* Experience in front end trading application, client onboarding and trade validation.
* Proficient with container systems like Docker and container orchestration like EC2 Container Service, Kubernetes, worked with Terraform.
* Created stage timeline in Web UI client using JavaScript and React, and implemented stage deletion in CLI using Golang.
* Worked on (JMS) MQ's like Rabbit MQ, IBM MQ and Active MQ
* Linux systems administration skills with emphasis on **RedHat Enterprise Linux or Oracle Enterprise Linux**
* Worked extensively with Java FX community to improve documentation and implement solutions.
* Good Experience of Pivotal Cloud Foundry, Spring Boot and cloud technologies.
* Experience on AWS Fargate ECS, Secrets Manager, Aurora PostgreSQL, Managed Stream for Kafka (MSK), NLB, Lambda, Athena.
* Experience in developing network applications using Node.js with an event-driven, Asynchronous approach and single threaded model with event loops.
* Developed Java Web Service in Weblogic which is called by SOA Suite to persist data received into Oracle.
* Expertise in Distributed and Web environments, focused in **JAVA Technologies -Java collections, Threads, J2SE, JDBC, Struts, Spring, Hibernate Framework.**
* Expertise in Web-Development technologies like **Servlets, JSP, JSTL, HTML5, JSON, JavaScript, CSS3, XML, XSL/XSLT, AJAX, JQuery.**
* Proficient and well versed in using AWS lambda functions, S3, SNS, SQS, EKS, Azure functions, EC2, EKS, ECS, Azure database, AWS RDS, Kinesis, Cloud watch, Aurora, dynamoDB.
* Experienced in managing AWS & GCP cloud computing environments utilizing AWS services VPC, EC2, IAM, S3, ELB, AutoScaling, ROUTE53, RDS and GCP’s VPC, IAM, GCE, GKE, GCS
* Knowledge in **Docker** Components like **Docker Hub, Virtual Machine and Docker Registry, Docker** containerized applications
* Good Experience in JMS over messaging to exchange the information in more reliable and asynchronous way in enterprise applications and used Apache Kafka, Active MQ, Rabbit MQ, AMQP as JMS provider.
* Worked on MVC based projects using Python with Django and Angular JS/React for production environment.
* Developed **Microservices** using **SPRING Boot and used Docker and AWS.**
* Experience in creating server side applications using MongoDB, React JS and Node JS.
* Familiarity with PostgreSQL query language (SQL) and advanced features like window functions, Common Table Expressions (CTE), and recursive queries.
* Implemented **react UI** and maintained the state with **Redux architecture implementation**.
* Created **React JS** components **using JSX, followed FLUX design pattern** for unidirectional data flow.
* Used **JavaScript, JQuery** for user interactions in pages. Creating a Responsive web application integratin
* Worked extensively on Java , J2EE for developing Web and Distributed Applications by using, Spring Framework, JDBC and Web Services(SOAP and REST),Spring Boot, Hibernate,
* iBatis, Microservices and PCF.
* Develop various screens for the front end using **React JS** and used various predefined components from **NPM** (Node Package Manager) and **Redux library.**
* Created **Restful Web services** with **Node JS.**
* Created **Docker images** using a Docker file, worked on Docker container snapshots, removing images and managing **Docker** volumes.
* Good understanding on Server-side JavaScript structures like Node.JS with Express.JS.
* Worked on logging using log back spring and logged into ELK and **Kafka**
* Strong Knowledge on **Microsoft azure cloud services, storage accounts and virtual networks**.
* Extensive knowledge of **XML**-based standards and protocols (such as **WSDL and SOAP**), Service Oriented Architecture (**SOA)**, development of **XSD** schemas and implementing both **SOAP and REST web services.**
* Experience in migrating data from other databases to PostgreSQL, including Oracle, MySQL, and SQL Server.
* Experience in using **DOM4J, JAXB, JAXP** parsing and **XML** Bean to process, validate, parse and extract data from XML files.
* Implemented spring boot micro services to process the messages into the **Kafka** cluster setup.
* Proficient in working on tools like **Scala, Eclipse, STS, Log4j.**
* Familiarity with PostgreSQL extensions and add-ons like PostGIS, HStore, and pgAdmin.
* Proficiency in PostgreSQL tools like pg\_dump, pg\_restore, pg\_upgrade, and pgAdmin.
* Experience in Continuous Integration tools such **Jenkins and Bamboo.**
* Good knowledge and experience with multiple Servers like **IBM Web Sphere, IBM Web Sphere ESB (Enterprise Service Bus), Web Logic server, Apache Tomcat, JBoss.**
* Expertise in various open source frameworks like Angular JS, Node JS, Struts 2.0/1.2, Spring 2.5/3.0, Spring MVC, IoC, Web and ORM Technology like Hibernate 3.0, JPA, EJB3.0,IBatis, Mybatis, JQuery.
* Experience in open source continuous integration tools - Hudson, Ivy and Artifactory.
* Experienced in generating **logging by Log4j** to identify the errors in production test environment and experienced in **Ant, Maven and Gradle tools.**
* Strong experience in **UNIX and Shell scripting.**
* Worked with various Application servers like **JBOSS7, Webshpere, GlassFish 3 and Tomcat7 webserver.**
* Experience in **SVN** and Perforce for version control and used **maven** for building

**Technical Skills:**

|  |  |
| --- | --- |
| **Java/J2EE** | JDK, Core java, JDBC, Java API, Servlets, JSP, JDBC, EJB. |
| **J2EE Frameworks** | Struts, JSF, ICE Faces and Spring, Spring MVC, JPA/Hibernate, AJAX, Mockito, MyBatis, Junit, Axon, Swing, JAXR, |
| **Presentation Technologies/Web Technologies** | Swing, JSP, JavaScript, HTML5, CSS3, JSON, XML, SOAP, RESTful, XSLT, SOA, Excel VBA, Angular Js, Ember Js, POS, JQuery, TCP/IP networking protocols, mustache, swagger, Groovey |
| **Application servers** | IBM Web Sphere, BEA Web Logic, JBoss and Apache Tomcat 8, Kafka |
| **Design Patterns** | DAO, MVC, Singleton, Session Façade, Service Locator, Business Delegate |
| **Languages** | Java, PL/SQL, C, C++, UML |
| **Databases** | DB2, Oracle 8i/9i/10g/11g, MySQL and SQL Server, PL/SQL, Cassandra, NoSQL, Mongo DB,Appian DB. |
| **Architectural Design** | Design Patterns, Object Oriented Analysis and Design, Use Cases |
| **Version Control** | CVS, PVCS, and Subversion, Git |
| **Build Tools** | Ant and Maven, Jenkins, Gradle |
| **Testing Tools** | Junit,Mockito |

**Work Experience:**

**Fidelity Investments, Boston, MA**

**Mar 2020 – till date**

**Sr. Java Backend/Full Stack Developer**

**Responsibilities**

**Responsibilities:**

* Involved in designing, developing and testing the application by using the HTML5, CSS3, Bootstrap.
* For client-side view rendering services, used React JS and various predefined Redux libraries.
* Used Redux-Store and Redux-Reduce for holding the state tree of the application.
* Involved to implement various screens for the front end using React.js and used various predefined components from Node Package Manager and redux library.
* Designed and developed batch jobs using SPRING BATCH architecture. Have extensive knowledge in core java and spring batch development.
* Amazon Managed Streaming for Apache Kafka [AWS MSK] integrations to accelerate the development of streaming data applications and to populate datalakes.
* Worked with NoSQL based ORM frameworks like Mongoose Connector and Cassandra Node Driver.
* Used Rabbit Mq for Message Queuing and Microservices like SOA with ESB and Kafka.
* Transforming trades from FIX , XML to sumo trade format
* Responsible for developing, fixing, and updating application pages with Angular 13.
* Develop a core component of Analytics using with NodeJS Micro Services and consume them via ReactJS services.
* Experience in designing point-to-point and publish & subscribe java message-oriented middleware models (MOM) using Active MQ, Rabbit MQ, IBM MQ and Strom MQ.
* Developed the infrastructure management with help of AWS cloud formation and terraform.
* Store and retrieve data from Cassandra Database and PostgreSQL database to perform CRUD.
* Building/Maintaining Docker container clusters managed by Kubernetes Linux, Bash, GIT, Docker, on AWS and Azure cloud. Utilized Kubernetes and Docker for the runtime environment of the CI/CD system to build, test deploy.
* Developed desktop applications using java swing, java fx, jdbc, css and java 8 lambda expressions.
* Worked with the Node package manager (NPM) along with Gulp.
* Build Java webservice to be called from SOA Suite application with Weblogic to move data converted from flat files raw data to XML outputs into Oracle.
* Wrote PowerShell scripts for reporting and automation addressing either a single customer's environment or multiple customer environments also to perform alerting, reporting, monitoring and routine maintenance for domain resources
* Experience in Implementing AWS Code Pipeline and Creating Cloud formation JSON templates in Terraform for infrastructure as code.
* Used Angular 13+ to develop and build added functionality to project updates.
* Created stage timeline in Web UI client using JavaScript and React, and implemented stage deletion in CLI using Golang. Used Go to run the Docker Command Line Interface tools.
* Worked on  Microservices using Vertex Or spring Boot Vertex as a Microservices container.
* Analyzing of SOA based application with Solar / web service / Apache ignite cache-based systems for optimal design/usage.
* Used Node JS to run Angular 4 on server with mock JSON data and completed the UI development independent of server.
* Setup Alerting and monitoring using Stackdriver in GCP (Google Cloud Platform). Involved in migration activities of Java scripts and Database scripts from Oracle, MS SQL Server and MYSQL into different environments
* Compiled Golang programs with GO build command & tested locally in GO run statement.
* Involved in migration applications from PCF to AWS to K8 and some of the legacy modules form DB2 to PostgreSQL.
* Used Ansible to manage Web applications, Environments configuration files, packages, Mount points and users. Also, to create AWS instance, configuration management, and software deployment. Created and used Ansible Playbooks in Ansible Tower and integrated Ansible tower with Jenkins to deploy code to different servers.
* Used “RabbitMQ” queues for reliable and asynchronous messaging exchange.
* Expertise in React JS framework to develop the SPA. We have even used React JS components like Forms, Keys, Events, Router, Animations and Flux concept.
* Created AWS Lambda functions for AWS config rules using Node.js. Heavily used Lambda function on text object methods Context object properties using Node.js.
* Collaborated with backend team to fetch JSON Google Cloud api data that would give users real time statistics using Angular 13’s httpClient service (GET, POST, DELETE, and PUT).
* Build Java webservice to be called from SOA Suite application with Weblogic to move data converted from flat files raw data to XML outputs into Oracle.
* Experience in working on database applications using Oracle DB, SQL Server, PostgreSQL, Amazon Aurora, DynamoDB and MySQL.
* Created views to hook up models to the Document Object Model (DOM) and synchronize data with the server as a single page application (SPA) using React JS and used Webpack as the module bundler.
* Developed the apps using design patterns like Singleton, Business Delegate, MVC and Factory Pattern for re-usability. Developed re-usable utility classes in core java for validation that are used across all modules.
* Built functionality using Golang for CSV data submission and inserted complete data in Database using MySQL.
* Automated provisioning of cloud infrastructure with Ansible.
* Involved in creating an AWS environment for this application. Generate various AWS resources like S3 buckets, EC2 buckets, ECS, IAM, Route 53, Cognito, Kinesis and others using terraform.
* Used Mongoose API in order to access the Mongo DB from Node JS and used Angular CLI and NPM for scaffolding the Angular 4 application.
* Writing multi-threaded application to persist trade into Database
* Developed Kafka Microservices for web application ssuch as autonomous retrieval of product details in search/category/brand pages, cart products and customer information.
* Designed and created a web app using Python, Bootstrap, jQuery, Django for performing CRUD operations.
* Extensive experience with scripting languages like Python and Bash.
* Used Docker and Jenkins for CI/CD of microservices to Pivotal Cloud Foundry (PCF).
* Implemented various modules in Spring like AOP, IOC (Dependency Injection), Bean Wiring, Spring Inheritance, Auto Wiring and Spring Quartz Schedulers for Jobs.
* Responsible for developing the UI interfaces from the mockups using Angular 4, HTML, CSS and SVN for code repository.
* Implemented SOA architecture with Web Services using SOAP, WSDL, UDDI and XML using Apache CXF framework and worked on parsing the XML files using DOM/SAX parsers.
* Involved in developing components on Reporting Dashboard with Spring Framework, Hibernate and created Microservices using Spring Boot.
* Experience in building GUIs with GWT (Google Web Toolkit) and Java FX.
* Responsible for developing, fixing, and updating application pages with Angular 9.
* Creating common framework using reflection to support multiple trade format to convert SUMO trade format
* Build and Maintained Docker container clusters managed by Kubernetes on GCP. Utilized Kubernetes and Docker for the runtime environment of the CI/CD system to build, test deploy.
* Used DAO pattern to fetch data from database using Hibernate to carry out various database. Used Hibernate Transaction Management, Hibernate Batch Transactions, and cache concepts.
* Responsible for developing the sequential and conditional batch jobs using the Spring batch framework.
* Experience in developing the Pom.xml, Build.xml files for Maven projects by integrating with the Continuous integration dashboard and from the CLI.
* Worked in setting up CI/CD pipeline integrating various tools with Jenkins to build and run Terraform to create infrastructure in AWS.
* Enhanced Central Payment Processor for PCI-Compliance with the help of Rabbit MQ/JMS/Kafka MQ.
* Compiled Golang programs with GO build command & tested locally in GO run statement.
* Made use of Reactive Forms using Angular 6 where most of the validation is done using component rather than using template-driven which provides in HTML.
* Updating kernel & security patches in Amazon linux environment, handling out of memory issues in Linux kernels during rebalance in Kafka cluster
* Designed and contributed Kafka Microservices for web applications for retrieving customer information along with current page load details.
* Involved in Implementing client-side data validations using JavaScript and Server side data validations using JSF Worked in integrating framework and CloudFormation to automate Azure environment creation along with the ability to deploy on Azure, using build scripts (Azure CLI) and automating solutions using terraform.
* Implemented CI/CD using Docker, GIT-Hub, TravisCI, AWS ECR and Kubernetes to test, build and deploy services.
* Involved in Creating and working with various SQL and NoSQL databases such as AWS RDS Aurora DB cluster, MySQL, DynamoDB, and MongoDB and connected to the database through DB Instances using the AWS Java SDK.
* Experience in working on cloud AWS cloud EC2, S3, RDS, Load Balancer, Auto Scaling with AWS command line interface and AWS python SDK.
* Created and developed Angular 9 components, service resources, routing, dependency injection, 2-way data binding, filters and events for NYC DHS application with Visual Studios.
* Involved in Working with CI/CD environment with Jenkins, Maven, AWS, Ansible and Terraform.
* Developed ORM mappings to establish data integrity among tables sitting on Oracle Databa.
* Database development required creation of new tables, Stored Procedures, Views, Indexes and Constraints, Triggers and required SQL tuning to reduce the response time in the application.
* Used Golang to log different host system event & alert information to SQL Server database.
* Designed and deployed AWS/GCP/Vmware infrastructure as code using Terraform, Ansible, Puppet, Git, and Rundeck
* Used Nodejs extensively and created automatic server start functionality
* Utilized Ansible Playbooks for pulling the artifacts from the centralized location and deploy it onto the Application/Web Server.
* Worked with RDBMS (Oracle, Postgres, MySQL) and NoSQL database (MongoDB, Redis). Also involved in writing SQL and PL/SQL.
* Created and wrote shell scripts (ksh, Bash), Ruby, Python and PowerShell for setting up baselines, branching, merging, and automation processes across the environments using SCM tools like GIT, Subversion (SVN), Stash and TFS on Linux and windows platforms.
* Implemented **Micro services** based on **RESTful API** utilizing almost all the spring modules and with **JAVA 8,11** and above features.
* Used Angular 4+ to develop and build added functionality to project updates.
* Worked with Cassandra Node Connector for database persistent to interact with Cassandra DB.
* Provided support in performance testing using JMeter task includes developing test plan, test script, reports.
* Developed Web Services SOAP/HTTP, SOAP/JMS, SMTP using SOA technologies like SOAP, WSDL, UDDI.
* Extensively used JQUERY to perform AJAX calls for creating interactive web pages on JSON response.
* Developed Golang software to handle concurrent data collection and processing with GO routines and channels
* Used AWS for Deploying, managing and operating scalable, highly available, and fault tolerant systems.
* Developed entire frontend and backend modules using Python on Django Web Framework on MySQL
* Designed and developed the UI of the website using Python, Angular, HTML, AJAX, CSS, and JavaScript.
* Utilized AWS Lambda platform to upload data into AWS S3 buckets and to trigger other Lambda functions.
* Manifest based microservices deployments to Pivotal Cloud Foundry (PCF).
* Worked on Camel-based integration middle-ware solution for Provisioning Services by design and the Implementation of business logic and data processing routes using Apache Camel.
* Design and implement **micro-services** using **Java, Groovy, H2, MySQL, Spring Boot, JPA, Hibernate, ActiveMQ, Spock, Git.**
* Created GCP projects and migrated on-prem/AWS instances to GCP
* Leveraged Docker Engine to run Multiple Instances as Containerized App Servers. Used Docker as a new level of simplicity to define and create services by encapsulating them in containers.
* Develop unit test using Karma and Jasmine. Followed strict patterns of RA team for unit test cases.

**Environment: Core Java/J2EE, Spring, Java FX,** **Angular,** **SOA,** **Node.js,** **WebSphere Application Server 7.0, PostgreSQL, Web Services, JPA, Apache Axis, Oracle10g, Java Script, AJAX,HTML, CSS, ReactJS, Rabbit MQ, RAD, RSM, Log4j 2, Clear Quest, Rational Clear case, AJAX, Docker, Bootstrap, SOAP, Hibernate, Spring, Apache Camel, PL/SQL, Karma, Jasmine.**

**Anthem, Wallingford, CT**

**Jan 2018 – Feb 2020**

**Sr. Java Backend/Full Stack Developer**

**Responsibilities:**

* Involved in analysis, design, and developing **microservices** using **Servlets, Java Beans, Hibernate, springs** and doing enhancements and issues resolutions.
* Simplified the consuming the services from multiple **microservices** using **spring boot feign clients**.
* Implemented the business logic with **java8** features. And refactored the existing boilerplate code with **java8.**
* Integrated the application with **Apache Camel to conver the json data to csv files.**
* Designed and developed a horizontally scalable APIs using Python Flask.
* Provided the security to the feign clients with the help of **Spring Oauth2** security and **token based authentication.**
* Implemented token based authentication by digesting the input and salting techniques using **MD5 encryption and Decryption algorithm.**
* Automated the entire CI/CD using Shell scripts, Python, Ansible and Jenkins.
* Configured the Auto scaling and ELB groups in AWS/PCF to main high scalable and secure environment.
* Automated the manual processes of Build and Deployment, Infrastructure configuration and Server State Management using REST API’s, CLI’s and chef.
* Design the Elasticsearch configuration files based on number of hosts available, naming the Cluster and Node accordingly. Using Curator API on Elasticsearch to data back up and restoring.
* Involved in implementation of application using conventional design practices (SOA-Service Oriented Architecture, MVC-Model View Controller).
* Used Angular 1.x to develop and build added functionality to project updates.
* Able to create scripts for system administration and AWS using languages such as BASH and Python.
* Installing the Apigee Edge and monitoring the gateways Developed REST API’s with authentication using Django as a platform Extensive windows and Linux configuration and automation.
* Documented the service endpoints using **Swagger UI.**
* Having knowledge on **Zaul api gateway.**
* Configuring and deploying instances on **GCP** **environments** and Data centers familiar with **Compute**, **Kubernetes** **Engine**, **Stack driver** **Monitoring**, and Elastic Search and managing security groups on both.
* Fixed the memory leak issues with the healp of **Your Kit Java Profiler and JProfiller &** Vulnurable issues **like xss flaws** and **SQL** injection issues Header manipulation flaws
* Experienced in moving data from different sources using Kafka producers, consumers and preprocess data using Storm topologies.
* Utilize programming languages like Java, Python, SQL, Node, and Scala, Open Source Platforms and NoSQL databases, Container Orchestration services including Docker and Kubernetes, and a variety of AWS tools and services.
* Implemented SOA solutions and business processes by using BPEL.
* Experience of instance deployment on cloud platforms **Microsoft Azure, Google cloud, AWS.**
* Implemented **Java Web services** based on **SOA architecture** with **SOAP and WSDL** also Implemented **SOAP** messages for information exchange for **Web services.**
* Develop the frontend web pages using Visual Studio Code, HTML, CSS, Sass, Bootstrap, Material Components, and Angular 8.0.
* Experience in developing RESTful Micro Services as Spring Boot application compatible with Pivotal Cloud Foundry.
* Developed the user interface components using **HTML5, CSS3, JavaScript, AJAX, JQuery** and also created custom tags.
* Automated the release pipeline to achieve zero touch deployments using Jenkins, Ansible, Shell, Python, Nexus and GitHub.
* Used framework vertex support for writing to JMS Queue, Hibernate Dao Support for interfacing with the database and integrated spring with JSF.
* Wrote a Python module to connect and view the status of an Apache Cassandra instance.
* Created and configured the continuous delivery pipelines for deploying **microservices** using **Jenkins CI** server.
* Managed Linux staging and testing environments.
* Worked within SOA based enterprise framework to build web services.
* Involved in the build automation by using Shell, Bash, Perl, and Python.
* Develop the frontend web pages Using Dreamweaver, HTML, CSS, Bootstrap, jQuery and Angular
* Automating the **Google** **Cloud** platform Infrastructure using **Google** **Cloud** **Deployment** **Manager**, Securing the **GCP** **infrastructure** using Private subnets, Security groups, NACL (**VPC**).
* Co-developed dynamic **Ruby on Rails/HTML5** application highlighting numerous data visualization of web me-trics.
* Extensive PowerShell experience developing, implementing, and maintaining automation scripts to meet business needs in large scale, highly available, online production environments.
* Managed projects with Grunt task runner and combined with Bower package manager to install JavaScript latest version of libraries based on running in the Node.js environment.
* Used framework vertex support for writing to JMS Queue, Hibernate Dao Support for interfacing with the database and integrated spring with JSF. **micro API services**
* Developed REST Micro Services using Spring Cloud, Spring Config, Pivotal Cloud Foundry and deployed Spring boot application using Pivotal Cloud Foundry(PCF)
* **Reactive Microservices using the Akka reactive framework**, functional programming using **Java 8 and Scala,** multi-threaded programming.
* Responsible for developing data pipeline by implementing Kafka producers and consumers and configuring brokers.
* Implemented and designed AWS virtual servers by Ansible roles to ensure deployment of web applications
* Managed datasets using Panda data frames and MySQL, queried MYSQL database queries from python using Python-MySQL connector and MySQLdBpackage to retrieve information.
* Created Composite Applications, Home Security components and Adapters by using Oracle SOA technology.
* Created set of scripts to find unused tables and indexes, duplicate and overlapping indexes based on built-in **dynamo DB** views statistics.
* Designing web pages by hand coded HTML, CSS, jQuery and Angular JS.
* Experience in **Junit and groovy** to develop unit testing and debugging of application.
* Implemented **RESTful API** with **Nodejs**, Express to fetch data from **Cassandra DB.**
* Wrote scripts to integrate API's with third party applications. Python/Django based web application, PostgreSQL, and integrations with third party email, messaging, storage services.
* Developed automation and deployment utilities using Ruby, Bash, PowerShell and Python. Experienced with version control systems Git and Subversion.
* Designed and developed fronted technologies like HTML5, CSS3, Java Script, Angular Js 2, Angular JS4, Json, Node JS, React JS
* Developing application using **Groovy, Grails, GSP, GORM and Grails Plugins and Grails Rest Services**
* Developed build script using **MAVEN** to build, package, test and deploy
* Worked on migrating oracle table to **PostgreSQL** and writing queries.
* Used **Jenkins Pipeline** to drive all **Microservices builds to Docker** Registry and deployed to **Kubernetes.**
* Validated every request to endpoint point by having the Sanitize Utility method developed.
* Writing the mock end points using **MimeoMocks**
* **Responsible for developing the UI interfaces from the using Angular 8, HTML, CSS and SVN for code repository.**
* Responsible for coding, testing and documenting various packages, procedures, and functions for libraries, also used **JUnit** for unit testing and **Mockito for mock based testing.**
* Architected services to align with business objectives and fit into overall SOA driven program
* Setting up database in **AWS** using **RDS** incluiding **DynamoDB**
* Using **Jira** as a **Change Management/ Work Management/ SCRUM Agile Tool.**
* Involved in writing **java API** for **Amazon Lambda** to manage some of the **AWS service.**
* Written various **AWS Lambda** services for automating the functionality on the **Cloud.**
* Created **AWS Cloud** Formation templates on creating IAM roles and total architect deployment end to end
* Helped in shifting the application from traditional **SQL database** to **N0SQL Amazon-DynamoDB**
* Written the **wirem ocks** to test the feign clients on endpoints
* Using IntelliJ, Anguler JS 7,8, Node 6.11, NPM, Spring, REST (REST architecture) developed MCSend Api new code enhancements and new tasks for the existing applications
* Big Data: **NoSQL data** model design, DynamoDB, Redshift design and tuning, Athena, etc
* Involved in writing the integration testing using the **Cucumber** framework and **Karate**.
* Using **Postgrace** and **mySQl database**
* Responsible for developing the UI interfaces for the portal using Angular 8, HTML, CSS and Bitbucket for code repository.
* Developed tools using **Python, Shell scripting, XML** to automate some of the menial tasks**.**
* Using **Jenkins** with **Maven** to Compile & Build **Microservices java code** and configure **Build Triggers.**
* Used the **Mapstruct** for mapping the **java beans**
* Worked with **NoSQL** databases such as **Cassandra, Mongo DB, and Risk.**

**Environment:** Java 1.8, J2EE, Spring MVC, Hibernate v3.0,Postgrace DB, GIT, Node, Angular, IntelliJ, AWS SNS/SQS, Tomcat, JBoss, Maven, Jira, SOAP/Restful Web Services,Postman, Jenkins, Spring Based MicroServices, Agile, Karate Framework.

**Merck Pharma, Branchburg, NJ**

**Jan 2014 – Dec 2017**

**Java Developer**

**Responsibilities**

**Responsibilities:**

* Involved in the complete Software Development Life Cycle including Requirement Analysis, Design, Implementation, Testing and Maintenance of the project which was model using waterfall model.
* Implemented **SOAP** messages for information exchange for **Web services.**
* Implemented the application using **Struts Framework** which is based on Model View Controller design pattern.
* Developed **Junit test cases** for **Unit testing** & for **Continuous Integration** we used **Jenkins**
* Developed modules using **Core Java APIs, Java collection, Java 8(Streams), multi-threading, and object-oriented designs.**
* A thorough background implementing hybrid cloud strategies using public clouds such as **AWS, Azure, etc.**
* Involved in the development of the User Interfaces using **JSP, jQuery** and client-side validations.
* Developed various components using **Spring (MVC), JSP and HTML.**
* Enhanced and optimized the functionality of **Web UI using Rich Faces, JSF, AJAX, CSS, XHTML and JavaScript**
* Implemented **MVC architecture** by using Struts to send and receive the data from front- end to business layer.
* Created several custom tags for **JSP** for maximum re-usability for user interface components.
* Built **spring boot-based** **Java micro services** to support enterprise web application.
* Experienced in moving data from Local System to **S3 bucket.**
* Participated in development of a well responsive single page application using **JavaScript, and jQuery** in conjunction with **HTML5, CSS3** standards, with front-end UI team
* Configured **AWS** Identity and Access Management (IAM) Groups and Users for login authentication. Auto scaling the instances to design cost effective, fault tolerant and highly reliable systems.
* Configured and deployed the application on **JBOSS** application server.
* Designed alarms in **Cloud Watch** service for monitoring the server performance, CPU Utilization, disk usage etc.
* Used **Dynamo DB** to store the data for metrics and backend reports.
* Used **UNIX/Linux shell** scripting to automate system administration tasks, system backup/restore management and user account management.
* Performed **MVC frameworks like STRUTS & SPRING and ORM tools like HIBERNATE.**
* Developed **Java API** to interact with the **Amazon SQS** used for sending bulk emails.
* Used **Apache Kafka** for importing real time network log data into **HDFS.**
* Designed and developed **JMS** messaging services using **J2EE** by developing queues /Topic, sessions and endpoints in **ESB**
* Developed business logic of the application by using **java 8** using **lambda** expressions, method references, functional interfaces and latest collection **API**to reduce the code
* Used **RTC** as a **Change Management/ Work Management/ SCRUM Agile Tool.**

**Environment:** Java 1.8, Eclipse Neon, Oracle SQL Developer, Squirrel, spring, Hibernate, Struts, Web Services (RESTFUL), Oracle 11g, DB2, SQL, MVC, JSON, JAXB, Unix, Linux, Log4j, Junit, Apache Tomcat, GitHub Enterprise, RTC(IBM), JFrog Artifactory, EC2, S3, VPC, Redshift, SQS, SNS, IAM.