**Java Full Stack Developer**

**Name: Anil Kumar**

**Email id: anilkumarmaloth613@gmail.com**

**Ph no: (484) 944 0212**

**Professional SUMMARY:**

* Over **13 years** of professional experience in the IT industry, with a focus on developing, implementing, and maintaining a variety of applications using **Java 8, 11, 17**, **J2EE** technologies, and Object-oriented methodologies. Skilled in enterprise technologies, frameworks, and design patterns.
* Certified Scrum master and expertise in delivering projects through **Agile, Extreme Programming (XP), Scrum** and **Test driven development (TDD),** Junit, **Mockito, Sonar** for Unit testing.
* Experienced with **J2SE** Technologies like **API**, Threads, Executor framework, CompletableFuture, Futures, Collections, and Exception Handling and, **J2EE** Technologies like **Servlet**, **Listene**r, **JSP**, **Java Security API, securing APIs with JWT OAuth2 OpenID & Spring Security**
* Strong development skills in **Java,** **J2EE**, **JDBC**, **JSP**, **Servlets**, **EJB J2EE** , **Hibernate, Java Beans, JDBC**, **JND**I, **RM**I, **HTML**, **HTML5, CSS, JavaScript, XML, XPATH, JAXB, JAXP, SQL, jQuery, Unix, Linux and Windows, Rational Rose, DB2, Oracle, frameworks such as Spring, SpringBoot, REST API, Spring Batch, Microservices, NoSQL caching and message queue Kafka and SQL Server**.
* Good working knowledge of **SQL**  databases, **Oracle**, **SQL** Server and integrations with **Spring DAO**, **REST API** Integration.
* Able to manage **Docker containers** and **Jenkins**, **CI/CD**, **DevOps, Jenkins , Bitbucket, CI/CD, JIRA, Git, Github, kubernetes.**
* Expertise in consuming **REST API** Services and developing **REST Clients** with third- party **REST** & **SOAP** Services with JSON XML.
* Able to understand **business plans** and apply that information into the **scalable** **development** **models**.
* Able to **guide**, **train**, **mentor** associate engineers & **collaborate** with developers using **agile** **practices**.
* Experience in writing backend using **Node.js** and **MongoDB** database.
* Stream applications using **Kafka APIs** and **Kafka Streams API**. Wrote Producer and Consumer **API** to publish and consume data from topics respectively. .
* Ample experience on usage of bundle packages and familiar using tools like **NPM, Bower** as task runners. Used **Karma, Jasmine, Protractor** as **UI testing** for **Backbone JS and React JS.**
* Implemented retry mechanism before sending to error topic. Implemented multithreaded consumption for slow consumers. Implemented exactly once semantics using **Kafka.**
* Expertise in **JDBC** Connection **Pooling**, **Persistence**, **Caching**, **EJB Server**, **HTTP, HTTP Tunneling**
* Proficiency in front end application developer using **Angular 12.0/14.0, React JS, Ember** JS for dynamic users and which helps in architectural pattern **MVC.**
* Used **Kotlin**for implementing new modules in the application. Have knowledge on **Kotlin** Android Extensions framework.
* Experience in working with containerization technologies like **Docker, Kubernetes and OpenShift**.
* Experience in designing and architecting using **UML** based diagrams through tools like Plant UML and Lucid charts.
* Worked on customized front end application development using **jQuery, React JS, Handlebar JS** and implemented **React JS** using **Redux** library and **Flux** pattern.
* Extremely good in **Spring Boot, Spring Framework, Hibernate, Angular 14, React JS, TypeScript,** and **JUnit frameworks**.
* Proficient in using Enterprise integration patterns (**EIP**) with **Apache Camel** such as **Multicast**, dynamic router, content based router, splitter and recipient list.
* Extensively worked on **Collections**, **Generics**, **Enumerations**, **Annotations**.
* Extremely good in **Spring Cloud** to develop **SpringBoot** based **Microservices** interacting through **REST**.
* Expertise in Object Oriented Analysis and Design (**OOAD**), **OOPS** using **Unified Modeling Language (UML), Design Patterns, MVC Frameworks**.
* In-depth knowledge of Apache Subversion (**SVN**), **DevOps**, **JIRA**, **Git, GitHub & Bit Bucket and Jenkins CI/CD** Continuous Integration Server – **Installation**, **Configuration**, Design and **Administration**, and integrating these tools with other systems.
* Experienced on working with Amazon Web Services like **EC2, S3, AWS CloudWatch, DynamoDB, SQS, Lambda and SNS.**
* Designing the application’s data model in **DynamoDB**, Integrating **DynamoDB** management into continuous integration and continuous delivery (CI/CD) pipelines.
* Familiarity with big data processing frameworks like **Apache Spark and Apache Flink**.
* Experience in Angular / React JS development using Test driven development (TDD) using unit testing frameworks such as Jasmine Protractor, Karma and Selenium
* Familiar with data architecture including data ingestion pipeline design, **Hadoop** information architecture, **data modeling** and data mining, machine learning and advanced data processing. Experience optimizing **ETL** workflows.
* Proficient in Service Oriented Architecture (**SOA**), Experienced in development and use of Web Services.
* Proficient in using caching technologies like **Hazelcast** and **Redis** and integration of those into application.
* Worked on various **J2EE**applications on appservers such as **Weblogic10.3**, **Websphere**, **Jboss Fuse 6.1 and Tomcat.**
* Experience in writing JUnit tests using **Mockito**, **Power Mockito** and behaviour based tests using **Spock** and **Cucumbe**r.
* Experience in Front - End UI technologies like **HTML5, CSS3, JQuery, JSON, AJAX, Node JS,** **AngularJS, BackboneJS, Bootstrap, Tag Libraries, and JSTL**.
* Expertise in creating Single Page Application (SPA) and reusable components **in Angular 12/Angular 14.**
* Extensive experience with developing web and enterprise applications with development tools like **Eclipse, IntelliJ and WebLogic**.
* Extensive experience in developing unit testing frameworks using **Junit** and test-driven methodology.
* Experience in building projects through **Maven** and **ANT** building systems.
* Proficient in Core Java concepts like **Multi-threading**, Collections and Exception Handling concepts.
* Experience in version control tools like **SVN, GitHub** and **BitBucket.**

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| Programming Languages | Java 8, 11, 17, J2EE, JDBC, Shell Scripting, Python, JavaScript, TypeScript, C, C++, jQuery, HTML5, DHTML, REST Services, ag-grid |
| Frameworks/Libraries | Apache Camel, Spring, SpringBoot, Angular JS, Angular 12,14, Node JS,  React JS, Apache Spark,  Flask, Django, Bootstrap, Dozer, YARN, Express, JEST unit testing |
| Java Enterprise API | Servlets, JSP, Junit, EJB, JNDI, JSON, JMS, JDBC, Java Mail, RMI,  Web services |
| Messaging Technologies | Apache Kafka, IBM MQ , Rabbit MQ, ActiveMQ, IBM WebSphere and JMS |
| System Design | Docker, Kubernetes, Openshift, MVC, Spring, Spring Boot, Hibernate,  CSS3, Microservices, Node.JS, Kotlin, Reactive and Event driven systems. |
| Cloud Technologies | AWS (S3, ECS), GCP |
| Databases& Programming | MySQL, SQL, MongoDB, NoSQL, Oracle, SQL Server, IBM DB2,  Stored Procedures, PostgreSQL, AWS DynamoDB, AWS Aurora . |
| Software Engineering | UML, Design Patterns, Object Oriented Methodologies, Service Oriented  Architecture, Test Driven Development, Scrum and Agile methodologies |
| XML Technologies | XML, DOM, SOAP, WSDL |
| Application Servers | Apache Tomcat, Glassfish, Jenkins, JBoss, WebLogic, IBM, Apache Karaf  WebSphere, Eclipse, Maven,  Yeoman, Grunt / Gulp |
| IDEs & Tools | Eclipse, IntelliJ, VS Code, WinSCP, Putty, , ANT, Maven, Log4J, Splunk,  DataDog, Grafana, Websphere Studio Application Developer, Nexus,  DevOps, Jenkins , Bitbucket, CI/CD, JIRA, Git, Github, kubernetes, Docker | |

**PROFESSIONAL EXPERIENCE:**

**Client: Honeywell March 2024 – Till Date**

**Role: Senior Java Full Stack Developer**

**Responsibilities:**

* Designed for breaking the S3 monolith by separating out encryption process of storage system into a microservice handling more than 98% of traffic coming to S3.
* Designed the requirements and implementation strategy using PlantUML and Gliffy and presented it for review with senior engineers and principal engineers.
* Design and implement **micro-services API** for mobile/web front end and back end edge points. Good Knowledge on **Microsoft Azure Cloud**.
* Designed multiple interfaces and adapters to integrate various API’s like GET, PUT, COPY, LIST and DELETE with new encryption module.
* Developed robust **RESTful web services** in **Node.JS, Angular JS, Typescript** in an agile environment using continuous integration using **Github Actions**.
* Developed publisher and consumer services to pull messages from **Kafka Topics**.
* Visual Studio Code was used as an IDE for development with **PostgreSQL** as the Database.
* Wrote algorithms to serialize and deserialize encryption module output refactored out of S3.
* Designing the application’s data model in **DynamoDB**, Integrating **DynamoDB** management into continuous integration and continuous delivery (CI/CD) pipelines.
* Wrote checksum logic to increase durability guarantees of operations for all API’s using thread safe logic without impacting performance of operations.
* Extensively used **Spring JDBC and Sequelize ORM** template for performing Database Transactions.
* Refactored various implementations of encryption using factory design pattern and used them to process object bytes coming to S3.
* Developed and maintained Java-based applications using Spring Boot, delivering efficient and scalable solutions.
* Designed and implemented RESTful web services, ensuring high-performance communication between different system components.
* Leveraged cloud technologies, such as AWS and Microsoft Azure, for building and deploying cloud-native applications.
* Developed containerized applications using **Docker** and ensure that applications are properly packaged and compatible with **Kubernetes**.
* Design and implement backend services and **RESTful** APIs using **Kotlin** with **Spring Boot**.
* Collaborated with front-end developers, utilizing JavaScript, to create interactive and user-friendly web interfaces. Implemented MVVM architecture using Redux Architecture with **React JS**.
* Utilized ag-Grid for efficient data rendering and manipulation in web applications.
* Implemented unit testing using the JEST framework to ensure code quality and reliability.
* Led web application packaging and deployment efforts using Yeoman, Grunt, and Gulp, optimizing build processes.
* Managed build tools and dependencies with Ant/Maven, Nexus, Git, and Jenkins, ensuring smooth development workflows.
* Applied expertise in handling large volumes of real-time data with big-data technologies like KDB/Q.
* Worked in an Agile environment, actively participating in Scrum ceremonies and contributing to agile methodologies.
* Contributed to the development of trading systems and brokerage technology, enhancing system performance and reliability.
* Demonstrated strong analytical, communication, and organizational skills while managing multiple tasks simultaneously.
* Leveraged event-driven and service-oriented processing concepts to build robust and scalable applications.
* Played a key role in the adoption and implementation of cloud technologies, earning industry certifications for AWS and Azure.
* Experience in **RDBMS** such as **Oracle, SQL Server** and writing stored procedures triggers, cursors, and optimizing queries using SQL.
* Utilized decorator design pattern to wrap encryption module responses from encryption microservice.
* Wrote database interaction code and used **JDBC API** to connect **MySQL**.
* Wrote a blob processing module to process object blobs which included writing new Iterator calculating range and part for GET API.
* Involved in writing JSP Custom tags and JSF components. Used JSTL tag library Core, Logic, Nested Bean and **HTML** tag libraries to create standard dynamic web pages.
* Performed integration of above two refactored modules enabling it to take 2% of customer traffic. Used Command and Strategy pattern to implement that integration.
* Used log4j logger to log errors and info across the application with proper exception handling.
* Wrote new unit test cases using **Mockito** and power **Mockito** to improve coverage of classes to 97%.
* Wrote new behavior-based end to end test cases in Spock and Cucumber to improve testing coverage from 69% to 93%.
* Created Apache Spark jobs that runs on cluster of Linux machines to stream performance logs into AWS Athena
* Successfully utilized **Agile methodology** to deliver features resolving dependencies and using CI/CD pipelines.
* Setup infrastructure to simulate customer traffic and workflows to perform performance testing for new implementation.
* Automated lot of frequent log dives by writing shell scripts based on log patterns.
* Worked collaboratively with other developers in a team-based environment, utilizing version control tools to manage changes to the code base.

**Environment:** Java 8-17, Typescript, Nodejs, JDK, Log4j, J2ee, JDBC Lombok, Spock, Cucumber, Mockito, Power Mockito, Functional programming, Angular JS, Node JS, Angular, Typescript, design patterns, ANT build, IntelliJ, GIT, SOA, JMS, SOAP, XML, Eclipse, RESTful Web Services, React JS, WebSphere, Spring, SpringBoot, Microservice architecture, DevOps, Jenkins , Bitbucket, CI/CD, JIRA, Git, Github, Kotlin, kubernetes, Docker , AWS, DynamoDB, Apache Spark and shell scripts.

**Client: Central Provident Fund Board, Singapore Mar 2023 – Feb 2024**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Experienced in design patterns, principles, APIs and microservices design and development.
* Adept in DevOps tools Jenkins, Sonar Cube, Fortify, automation tools, and blue, and green deployment.
* Good working Knowledge of Java Concurrency libraries, collections and Java 8.
* Designed web Services using SOA, REST APIs, Docker, RPC, Spring Framework and Micro Front Ends.
* Have streamed applications using Kafka , MQ, and docker.
* Designed and developed applications using Java. Spring Framework.
* Interfaced with other teams for technical details related to integration between systems (both internal & external).
* Driven configuration of the MuleSoft platform to create process APIs & experience APIs leveraging from System APIs exposed by existing or new off-the-shelf platforms
* Experienced with test-driven development using Junit, Mockito, Spring Testing.
* Able to guide junior developers on development and perform code review
* Performed requirements gathering, translation of requirements to technical specifications.
* Implemented and maintained application systems
* Worked closely with project manager and assisting in project management duties.
* Identified process gaps and improvement of processes.
* Have ensured smooth operations of application systems.
* Other duties assigned by the supervisor.

**Environment:** Java 11, Spring Framework, Spring Boot, Microservices, Angular JS/React JS, MongoDB, MySql, MariaDb, NoSql, DevOps, Maven, Bitbucket, GitHub, CI/CD, Jenkins, JIRA, Active directory (AD), Cybersecure, Linux server,REST API, confluence, Apache Camel,IBM MQ, Rabbit MQ, JBoss, mainframes, CICS, COBOL.

**Client: DBS Bank Feb 2021 – Feb 2023**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Worked on **Spring-Boot application** using **JAVA 8** that aggregates data and metrics for 16 types of ECHO devices.
* Developed **REST APIs** with spring based transactions to use Oracle database to fetch devices info and process those requests on EMR clusters.
* Implemented MVVM architecture using Redux Architecture with **React JS**.
* Developed the front end in **Angular JS and** back end **Node JS.**
* Developed data ingestion application to bring data from source system to HBase using spark streaming, **Kafka**.
* Used multithreading concepts and Executor framework to manage thread pools to run 200-230 **Amazon Athena** queries to collect performance percentiles.
* Created JUnit test cases using Mockito to provide 98% test coverage used Sonar to identify bugs and check style issues.
* Configure Window Failover Cluster by creating Quorum for File sharing in **Azure Cloud**.
* Performed Real time event processing of data from multiple servers in the organization using **Apache Storm** by integrating with **Apache Kafka**.
* Involved in the design Implementation of **JSP**, **Servlets** and Web Development.
* Designing the application’s data model in **DynamoDB**, Integrating **DynamoDB** management into continuous integration and continuous delivery (CI/CD) pipelines.
* Involved in the Parsing of internal **XML** format document to retrieve the information and to pass them to Struts Action class for further processing.
* Collaborated with cross-functional teams to develop and maintain Java-based applications.
* Designed and implemented RESTful APIs for seamless communication between microservices.
* Assisted in the migration of on-premises applications to the cloud, leveraging AWS services.
* Supported front-end development with JavaScript expertise and integrated third-party libraries.
* Conducted unit tests using JEST and participated in code reviews to ensure code quality
* Worked with build tools like Maven and Jenkins for automated deployment processes.
* Contributed to the analysis and processing of real-time data streams in financial applications.
* Participated in Agile development practices and Scrum ceremonies.
* Gained exposure to trading systems and brokerage technology.
* Written tests for both **frontend** and **backend** using **Kotlin** test frameworks and tools like **Jest** for **JavaScript** testing or **JUnit** for server-side.
* Developed various screens for the front end using **React JS** and used various predefined components from **NPM** and **Redux**.
* Developed single page applications using **React Redux** architecture, **ES6, web pack** and **grunt**.
* Closely worked with Application using **React JS** and **Node.js** libraries NPM, gulp directories to generate desired view and flux to root the URL's properly.
* Expertise **in Microsoft Azure Cloud Services** (PaaS & IaaS ), Application Insights, Document DB, Internet of Things (IoT), Azure Monitoring, Key Vault, Visual Studio Online (VSO) **and SQL Azure**.
* Worked on some legacy web services built on Apache-CXF running on **Apache Tomcat**.
* Used **JAXB** to process **JSON** based responses from RESTful Web Services external to application to collect driver metrics.
* Used **Spring JDBC** template and **Hibernate** for performing Database Transactions.
* Worked on building front end using React JS, HTML, CSS that helps parsing device logs and generates insights for memory and CPU logs that are uploaded through web portal.
* Used **AWS lambda**, **AWS Cloudwatch and AWS SQS** to create email notification system which creates email whenever certain **Cloudwatch** event is alarming with log analysis details in email.
* Used Node.JS to develop comments repository which automatically triggers test runs interacting with MongoDB.
* Used Ant tool to build the application and Websphere Application Server WAS6.0 to deploy the application
* Maintained schedules for Data warehouse storage. Read and interpreted UNIX logs.
* Experience with Performance Tuning for Oracle **RDBMS** using Explain Plan and HINTS.
* Experience, dealing directly with equity products, and developing in Java or Scala.
* Created **AWS IAM** roles and policies to create permissions for AWS resources.
* **Used AWS S3** to store compressed log files and insights pdf generated for future reference. Generated pre-signed urls to access those.
* **Created SQL queries**, indexes, triggers, sequences for AWS Athena to fetch results.
* Created Apache Spark jobs that runs on cluster of Linux machines to stream performance logs into AWS Athena.
* Used CI/CD pipelines build and release features and update libraries to minimize security risks.
* Integrate applications into **CI/CD** pipelines, ensuring that applications can be built, tested, and deployed on **Kubernetes** platforms efficiently.
* Maintained and optimized the performance of web applications, identifying and addressing bottlenecks as necessary.

**Environment:** Java 8, 11, Spring-Boot,J2EE (JEE),Apache Spark, AWS Athena, AWS Lambda, Web Services, AWS SQS, React, Javascript, AngularJS, Node JS,GIT, REST, JAXB, AWS S3, JMS, VSCode, AWS IAM, DynamoDB, WebSphere, Eclipse, AWS Cloudwatch, Sonar, Mockito, Spring, SpringBoot, Microservices, PowerMockito, Node.JS, React JS, Linux, DevOps, Jenkins , Bitbucket, CI/CD, JIRA, Git, Github, Kotlin, kubernetes, Docker.

**Client: DXC Technology Jan 2019 – Jan 2021**

**Role: Java Developer**

**Responsibilities:**

* Developed a web application using **Angular JS, Node JS**, **HTML, Javascript and CSS** to automate filling of excel sheets for Micron engineers saving man hours by 183 hrs/ week. Designed and deployed the whole application end to end.
* Experience in Working and Designed and populated dimensional model (star and snowflake schema) for a Data warehouse and data marts and Reporting Data Sources.
* Created a data access layer and used MYSQL persistence to store changes in excel sheets on click of save button.
* Used **Node.JS** to process comments left at excel sheets with **MongoDB** storage. Also used Express frameworks to expose REST API’s to interact with excel sheets using comments on cells.
* Wrote SQL queries, indexes, Stored procedures to maintain **CRUD** operations of the databases.
* Worked on Continuous Integration CI/Continuous Delivery (CD) pipeline for Azure Cloud Services using CHEF.
* Developed the front end in **Angular JS** and used Hands on Table library to perform excel sheet related functions.
* Developed rest API’s using Scala and play framework to retrieve processed data from Cassandra database.
* Thin client rendering: HTML, Tag Libs, JavaScript, XML, JSP and Servlets.
* The Java **Spring boot** backend to support database interaction using ORM principles and exposed various **REST API’s** for front end to interact (CRUD operations).
* Developed another web application to allow Micron employees to submit tickets to the team. This application uses JIRA API’s to log description and other details of ticket.
* **Created a single sign on (SS0) capability** using ADFS integration and JWT token with OAuth2.0 to allow all Micron employees to submit tickets to the team.
* Used pagination table to display status, person operating on tickets submitted and ETA of completion increasing response time by 25%.
* Deployed application on **Openshift** pods using Docker images of the application. Explored Kubernetes to manage those containers.
* As a big data developer implemented solutions for ingesting data from various sources and processing the data-at-rest.
* Used Log4J for logging the user actions and exceptions to find out causes of system malfunctioning and keep user action logs.
* Involved in multi-tier Java and J2EE based applications support, responsible for writing business logic using core Java, SQL queries for the backend RDBMS.
* Implemented solutions using Hadoop, Apache spark, spark streaming, spark sql, hbase and Scala
* Used **IntelliJ** and **VScode** for the development environment.
* Experience of using **Microsoft REST API’s** for Azure Cloud and Office 365.
* Wrote **JUnit** test cases to test the functionality of each method in the DAO layer.
* Used **GIT** for version control.

**Environment:** Java 8, HTML, Javascript, CSS, ADFS, OpenShift , MySQL, SQL, Spring, Spring Boot, Log4J, Maven, DevOps, Jenkins , Bitbucket, CI/CD, JIRA, Git, Github, kubernetes, Docker, Angular JS, Node JS, Javascript, HandsonTable, Eclipse Node.JS, Linux

**Client: Starhub Aug 2015 – Dec 2018**

**Role: Software Developer**

**Responsibilities:**

* Developed a data ingestion application to load real time data coming from locomotives into Oracle 10g database using Apache Camel framework with Spring Boot Integration.
* Developed we application reporting locomotive status using JSF, Hibernate, and J2EE technologies to access an Oracle RDBMS 13g RAC database in a multi-developer, configuration-controlled environment.
* Development of complex web application - Confidential utilizing wide range of open source and Oracle technologies: Oracle **RDBMS**, **Spring** **MVC**, **J2EE**/**JEE**, servlets, **JSP**, JSF, **JavaScript**, **Hibernate**, WebLogic, Web Center and ADF.
* Developed three microservices using Spring boot to categorize three sets of requests type processing based on data source and request structure. All microservices exposed REST endpoints.
* The middleware interaction used JMS/IBM WebSphere MQ series for transferring messages between different components using the JMS/Mail API framework.
* The data rate was 4 million messages per day serving 50-52 requests per sec using IBM MQ and event driven architecture.
* Communicated with external applications JMS messages using IBM Websphere MQ.
* Utilized JBOSS IDEs for application server environments that included JBOSS AS > 5.0 and JBOSS EAP.
* Used Service-Oriented architecture (SOA) principle and OSGI to expose services for decoding, transforming and storing according to data source, type and use cases.
* Used Scala collection framework to store and process the complex consumer information
* Used Enterprise Integration Patterns like multicast, content-based-router, dynamic router, recipient list and splitter to transform messages.
* Extensive experience as Production Support Personal in various multiple Data warehouse Projects and extensively worked with offshore team.
* Project Setup using myeclipse, IntelliJ and servers like tomcat, JBoss
* Deployed all OSGI web services using FUSE platform 6.1 (Apache Camel, Blueprint, IBM MQ, Karaf/OSGi container)
* Experience in utilizing and implementing Confluent Schema Registry with Kafka.
* Implemented Spring boot microservices to process the messages into the Kafka cluster setup.
* Used caching mechanisms like Hazelcast to cache intermediate states and store results and reduce reads on the database. Explored differences between Hazelcast and Redis before designing the application.
* Developed a Spring Boot application to collect stream of real time panel images from locomotives and display them on web portal with a refresh rate of 3 sec. The system supported around 2k locomotives at a time.
* Eclipse was used as an IDE for development with Apache tomcat as the server
* XML was used to create the db schema-mapping file for Hibernate.
* Developed Jsp’s including AJAX that call different API’s that process messages using XML.
* Reviewed code and documented designs to drive ETL processes using RedHat technologies for real time data ingestion.
* Used log4J for logging, Junit4 for unit tests and JDK8 for development.
* Used JDBC to retrieve data from Oracle database.
* Wrote multiple data ingestion queries and used indexes, stored procedures to facilitate data ingestion process as a configuration.
* Assortments, Products to Apache Kafka Topic by using custom Serializers. Exposed teh endpoint for Swagger and developed API's for documenting RESTFUL Web services.
* Maintained SQL queries in configuration files to perform database transactions during data ingestion process.
* Utilizing big data technologies such as Hadoop, map reduce frameworks, mongo dB, hive, Oozie, flume, sqoop and talend etc.
* Used HAWTIO dashboards to monitor logs and Karaf containers health.
* Used Sonar, Jenkins CI/CD to drive agility and quality in development process.
* Used Splunk dashboards to write queries and detect anomalies from logs for driving operation excellence.
* Designed and implemented business logic for tiered applications, incorporating JSF (1.2 – 3.0), EJB (3.0 - 3.2), and JSP (2.0 - 2.3).

**Environment:** Java/EE1.8/1.7, Spring, Spring-Boot, JBoss Fuse 6.1, Karaf 2.2, Apache Camel, Active MQ, SQL, Oracle 11g, Maven, Jenkins, Sonar, GIT, Spring Boot, Spring, Blueprint, Hazelcast, Redis, JBOSS Developer Studio.

**Client: BSNL, India** **Jan 2013 – July 2015**

**Role: Full Stack Java Developer**

**Responsibilities:**

* Written complex SQL queries, Stored Procedures and Functions in PL/SQL for manipulating the data.
* Worked on Lambda Expressions, Functional interfaces Stream API's, Time API, and Improvements on Collection, Concurrency, and IO improvements by using Java 8.
* Used Subversion for configuration Management and Jira for task management and bug tracking.
* Used SOAPUI to test for sending and receiving XML data and worked with JMS Queues for sending messages in point to point mode communication.
* Used multithreading for writing the collector parser and distributor process, which was getting real-time data from Zacks API in format of JSON, using multithreading improved the performance by a lot. Moreover, using concurrency package of collections made it thread safe.
* Used Message body Writer for converting Java types streams.
* Used Maven for compiling and building the code.
* Used JavaScript, HTML, JSP pages for developing front end UI and wrote application level code to perform client-side validation.
* Used HTML5 wireframes with CSS provided by the design team. JS is used to make it dynamic
* Used AJAX and JavaScript for Client-side validations.
* Provide 24x7 support to the application in pilot and production phases. Support included being on conference calls, identifying and fixing bugs, investigating reasons for specific application behavior.
* Performed unit testing using JUNIT framework and tested DAO's and Business Services
* Migrated technology from Angular 1.0 to Angular 2.0 to use upgraded features such as Angular Components and Angular Routers as per the strategy requirement.
* Developed Servlets for server-side transactions and made use of AJAX for server-side processing without refreshing the JSP page.
* Experience in generating Reports and Dashboards on Dynatrace and Splunk
* Experience in implementing MongoDB CRUD (Create Read Update Delete) operations by using Mongoose library in Node-JS including Angular JS.
* Extensive professional experience in Developing and Deploying enterprise applications on web/application servers such as JBOSS EAP 5.1, Tomcat 5.x/4.x, IBM WebSphere 6.x/7.x, Web Logic under Windows OS and UNIX
* Extensively used Jenkins as Continuous Integration tools to deploy the Spring Boot with Microservices to Pivotal Cloud Foundry (PCF) using build pack.
* Implemented AngularJS Controllers to maintain each view data. Implemented Angular service calls using Angular Factory with Dependency Injection to prevent scope conflict commonly found with JavaScript.
* Implemented light weight WADL (Web application description Language) for better understanding of Rest based web services and its configuration.
* Implemented multi-threaded synchronization processes, with JMS queues for consumption of Asynchronous requests.
* Involved in bug fixing during the System testing, Joint System testing and User acceptance testing. Deploying the applications and binding third party services like AppDynamics on Pivotal Cloud Foundry (PCF).
* Developed application using Spring JPA, Angular 2.0 on the presentation layer, the business layer is built using spring and the persistent layer uses Hibernate.
* Developed and implemented Restful Web APIs, and exposes endpoints using HTTP methods like GET, PUT, POST and DELETE.
* Designed new classes and functionalities using various JQUERY components for CRM application for customer service.
* Deployed our application on Pivotal Cloud Foundry (PCF) which is used to reduce the development overhead by providing a ready to use platform.
* Created Web User Interface (UI) using HTML5, DHTML, table-less XHTML, CSS3 and Java Script that follows W3C Web Standards and are browser compatible.

**Environment:** Java, Angular JS, HTML5, CSS3, AJAX, Bootstrap, JSON, XML, Active MQ, JMS, Hibernate, DB2, SOAP-AXIS2, Restful services, JAX-RS SOA, Eclipse Java EE IDE Neon.3, Git, Log4j, DB2, Maven, TestNg, WADL,PCF.