**Aashwin**

**Full Stack Developer**

**602 888 -1386**

[ranjan.aashwin88@gmail.com](mailto:ranjan.aashwin88@gmail.com)

**PROFESSIONAL SUMMARY**

* **9+** years of professional experience in **IT** industry and Expertise in Object Oriented Analysis (**OOA**) including development, implementation, testing of various applications using Java, **J2EE**.
* Experience in different **SDLC** models like Waterfall, Agile and undergone the training in software Development Processes like SDLC, Test Driven Development (**TDD**) and Iterative Methodologies.
* Expertise in **Core Java** Concepts like **OOPs, Garb Collector sector, Collections, Multithreading, Exception Handling, Generics, Synchronization, Serialize, action, and De-serialization**.
* Good working experience in Spark (spark streaming, spark SQL), Scala, and Kafka
* Worked on Object Oriented Technologies, Web technologies and client server technologies that include **JAVA**, **Hibernate**, **Spring**, **Web services**, **JSP**, **XML**, **JDBC**, **JavaScript**, **AngularJS**, **Angular**, **ReactJS**, **HTML**, **CSS**, **Bootstrap**, **NodeJS**, **jQuery**, **SQL**, **PL/SQL**, **Oracle**, **DB2** and **MySQL**.
* Experience in Use Cases, Sequence Diagrams and Class Diagrams using **UML**, **J2EE Design Patterns**.
* Extensive experience in design, development, and support Model View Controller(**MVC**) using **Struts** and **Spring** framework.
* Expert in providing enterprise Single Sign-On (SSO) solutions and integration of applications using OKTA & ADFS.
* Developed and deployed solution using several new technologies, including Linux - **Ubuntu**, **Drupal,**and **Apache SOLR**.
* Experience developing real-time analytics, data pipelining (data ingestion, cleaning, enrichment) and prediction engine using **Java, Akka Apache Kafka, Storm, Flink, Sqoop, Flume, Spark Streaming, Spark MLLib, Scikit-learn, Cassandra, MongoDB, Cloudera/HDP stack (HDFS, HBase, Impala, MapReduce, Yarn Oozie, Pug, Hive, Kerberbos/SASL) and ElasticSearch**
* Installation, configuration and Administration for various softwares including **IIB, MQ, BMC** **Qpasa**, **Axway CFT, Java, Terraform, Docker.**
* Extensive experience working with CSS Background, CSS Positioning, CSS Text, CSS Border, CSS Margin, CSS
* Experienced with **J2EE**DesignPatterns such as **MVC**, Session Façade, Business Object (**BO**), Service Locator, Data Access Object (**DAO**), Data Transfer Object (**DTO**), Singleton Pattern, and Front Controller.
* Experience in **Spring Boot** with **Microservices** and Message based systems using **JMSAPI**.
* Expertise in implementing and deploying **SOAPAPI** Web Services and Restful Services **JAX-RS** to develop dynamic server-side web contents.
* Experienced in **Docker** engine and **Docker** Machine environments, to deploy the **Microservice** oriented environments for scalable applications. Excellent understanding of **Open Shift** platform in managing **Docker** and **Kubernetes**.
* Hand-on experience in massive data calculation and query using big data technologies like Spark, Hadoop 0.x 1.x, MapReduce, HDFS, Hive, HBase, Kafka and Oozie Experience in working under BDD methodologies and using Cucumber and Selenium for automation testing
* 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**,**jQuery**.
* Worked on the dependency injection (**DI**) using spring framework with Application Context **XML** file. Involved in creating and modifying the class diagrams, sequence diagrams using **Microsoft Visio**.
* Experience in designing User Interface (**UI**) applications and professional web applications using **HTML**, **DHTML**, **XHTML**, **XML**, **XSL**, **XSLT**, **jQuery**, **D3.js**, **JSON**, **CSS**and schemas like **XSD**, **DTD** and parsers like **SAX**, **DOM** and **JAXB**.
* Expertise in developing the **microservices**/**API** using **SpringBoot**.
* Expertise in developing Multi-tier enterprise level web applications using various **J2EE** technologies including **JSP**, **Servlets**, **Struts**, **SpringHibernate**, **JTA**, **JDBC**, **JNDI**, **JMS**, Java Multi-threading **API**.
* Strong experience in developing web applications using **Ajax**, **Swing**, **CSS**, **HTML**, **XHTML**, **DHTML**, **JavaScript**, **Servlets**, **Bootstrap**, **jQuery**, **AngularJS**, Web designing and Web services using **SOAP**, **WSDL**, **REST**.
* Expertise in client side designing and validations using **HTML**, **CSS**, **AngularJS**, **React JS**, **jQuery**, **AJAX**, and **Java script**.
* Created Single page applications with the use of JavaScript library **React JS.**In-depth experience in React JS and techniques such as **Redux**, **Axios**, **JSX**, Form Validation, **HOC** and react-router.
* Extensive experience using **SQL**and **PL/SQL**to write complex queries, **Stored Procedures**, and **Functions**.
* Proficiency in working with **SQL** databases like **Oracle 10g/11g**, **MySQL**, **DB2** and **NoSQL** databases like **MongoDB**, **Cassandra**.
* Creation of **Prometheus**-**Grafana** setup using **Terraform**/**Ansible** for various targets like **Kafka, Spark, MySQL**, node exporters etc.
* Experience in **JMS** over messaging to exchange the information in more reliable and asynchronous way in enterprise Applications. Used **Apache Active MQ**, **Rabbit MQ**, **AMQP** as **JMS** provider.
* Experience in handling messaging services using **Apache Kafka**.
* Had an experience in **JMS** and Message Queue listeners for Message Queue Service.
* Experienced in writing unit test cases using **Junit**, Testing, **Mockito** and Wrote **JUnit** Test Cases for challenging environments.
* Implemented AWS solutions using EC2, S3, RDS, EBS, Elastic Load Balancer, and Auto scaling groups, Optimized volumes and EC2 instances. Expertise with NoSQL databases like HBase, Cassandra, DynamoDB (AWS) and MongoDB.
* Good Working experience in Unit Testing using **JUnit** and Version control using **VSS** and also **JMock**.
* Tested Rest web services using postman, **SOAPUI**.
* Experience in continuous integration using Jenkins for timely builds, code coverage and running test.
* Good working knowledge of **AWS**, **Spring Boot**, **Spring Cloud**, **Docker**,**Maven**, etc. in developing applications which use cloud-based services.
* Deploying application in Docker Container for the custom environment and hosting in Elastic Beanstalk
* Experienced in gathering resources from User Stories, Analysis & Design of Use Case, Class, Activity, Sequence and collaboration Diagrams in UML using Rational Rose and Star UML. Experience in developing unit testing frameworks using Junit testing and **Mockito**.
* Experience in working with deployment tools like AWS Elastic Beanstalk, Jenkins, Ansible, Docker, and Kubernetes
* Experienced in **AWS** Cloud platform and its features which include **EC2AMI**, security groups, EBS Cloud watches, AWS Config, Auto-scaling, **IAM** and **AWSS3**.
* Having knowledge on (JMS) MQ's like Apache Kafka, Rabbit MQ, IBM MQ and Active MQ.
* Used Good working knowledge in version control tools like **GitHub**, **CVS**, **SVN**, **RationalClearCase** and **TortoiseSVN**.
* Developed **Maven**&**ANT** scripts in to build and deploy **J2EE** Applications.
* Experienced in using Web/Application Servers like **IBM WebSphere 7.0**, **ApacheTomcat** and **JBoss**, **BEA WebLogic**.
* Experienced using tools like **JIRA**, **Confluence**.

**TECHNICAL SKILLS:**

| **Languages** | Java 1.7/1.8, PL/SQL, SQL, UML 2.3, ECMAScript, TypeScript. |
| --- | --- |
| **Java Technologies** | J2EE, Servlets 3.1, JSP 2.1, JSF 2.2, JDBC 3.0, JavaBeans, Web Services (SOAP, WSDL, REST 2.0), Apache Kafka, AWS, XML, JSON, JMS, Spring Batch, Spring Cloud, Spring Framework, Hibernate, JDBC. |
| **Web Technologies** | DHTML/HTML, XHTML 2.0, JavaScript1.x, XML1.0, XSL, XSLT, XPATH CSS, jQuery, Angular JS, Ajax, HTML/HTML5 4/5, CSS2/3, Angular 2.x,ExtJs, JavaScript, jQuery, Bootstrap,GraphQL, Relay, Redux , React JS, Node JS, MERN. |
| **Development Tools** | Eclipse**,** IBM RAD, JBuilder, NetBeans, MS Visual Studio, Spring Tool Suite. |
| **Web/Application Servers** | Tomcat7.x, WebLogic10.3/9.2/8.1/7.0, IBM WebSphere 7.x/8. X, JBoss, Apache Camel, WebSocket API. |
| **Database** | Oracle 11g, DB2, SQL server, PostgreSQL, MySQL, MongoDB, Cassandra, PL SQL, or informatica. |
| **Platforms** | Windows, Mac, UNIX, LINUX. |
| **Testing Tools** | JUnit, JIRA, Cucumber, Protractor, Jasmine, Selenium, REST Assured. |
| **Version Control** | CVS, SVN, VSS, GIT, GitHub. |
| **Methodologies** | Agile, Waterfall. |
| **Build Tools** | Gradle, ANT, Maven, Jenkins. |

**PROFESSIONAL EXPERIENCE**

**United Health Group, NJ**

**Sr. Full Stack Java Developer February 2022 to Present**

**Responsibilities:**

* Development and testing for enterprise level software in a fast-paced **Agile** development environment.
* Used Microservice architecture with **Spring Boot** based services interacting through a combination of **REST** and **Apache Kafka.**
* Authenticated Users accessing RESTful services using Oauth 2.0, SAML and JWT(Json Web token)
* Working with Application Analysts and Interface Engineers to translate interface requirements into technical HL7 specifications.
* Developed business components by using **Spring Boot**, **Spring IOC**, **Spring AOP**, **Spring Annotations**, **Spring Cloud** along with Web Services (**RESTful**).
* Good knowledge on other services in AWS like DynamoDB, SQS and SNS.
* Good Knowledge on Apache NIFI,FLINK, Apache Storm, Spark Streaming Flink, Kafka Streaming, Kafka
* Developed Micro services Architecture using Java Spring with **Docker** deployments
* Migrated modules to Kotlin from Java
* Migrated mainframe components to the cloud.
* Migrated COBOL based components to Java Spring Boot.
* Worked on **Multithreaded microservices.**
* Implement OAuth 2, SAML 2 for AAA&Single Sign On (SSO) using Spring Security
* Deployed and released modules using **Jenkins and Google Cloud.**
* Implemented customized authentication in **Spring Security** to verify user-role and secure the user pages.
* Implemented Data validation and parsing services that are part of large production releases.
* Configure **Jenkins** build Jobs for (**CI**) and (**CD**).
* Specialty developer for certain HIT features - such as -  EHR/EMR, HL7 messaging.
* Administered and deployed applications into **Kubernetes** Namespaces.
* Developed Test Cases and performed unit test using **JUnit** with **Mockito** Framework.
* Tested **RESTAPI** using **REST Assured** framework.
* Worked on Kotlin for building the backend components and API resources, experience working on JsonAPI for creating multiple APIs.
* Strong experience in All Hadoop and Spark ecosystems include Hive, Pig, Sqoop, Flume, Kafka, Cassandra, Spark SQL, Spark Streaming, Spark R and Flink.
* Wrote Kafka producers to stream the data from external Rest APIs to Kafka topics.
* Created Automation testing scripts using **Cucumber Framework.**
* Design **Shell scripts** to filter and transform the huge amount of data in troubleshooting the issues.
* Used **Log4j** for logging and tracing the messages.
* Contributed Full stack development in native Golang backend, native JavaScript, and Bootstrap Framework for financial web application between advisers and their clients
* Delivered high quality modules on the AWS stack using Lambda, SNS and ElastiCache with Redis
* Used **GIT** for version control and involved in writing the build scripts using **Maven**.
* Used **Rally** for defect management and to keep track of bugs and issues.
* Designed CSS templates for use in all pages on the website working with CSS Background, positioning, text, border, margin, padding, and table.

**Environment:** Java 8.0, Spring 4, , Spring batch, Spring Boot, JPA, IntelliJ, DB2, Swagger UI, Log4j, Rally, Jackson,Apache Kafka, Cucumber Testing, Kubernetes,Google Cloud, Microservices, REST UI.

**Experian Consumer Services, Costa Mesa CA**

**Sr. Full Stack Java Developer July 2021 to January 2022**

**Responsibilities:**

* Development and testing for enterprise level software in a fast-paced **Agile** development environment.
* Used Microservice architecture with **Spring Boot** based services interacting through a combination of **REST** and **Amazon Kinesis** message brokers.
* Developed business components by using **Spring Boot**, **Spring IOC**, **Spring AOP**, **Spring Annotations**, **Spring Cloud** along with Web Services (**RESTful**).
* Good experience with RUP, and Agile methodologies. Using Kotlin for implementing new modules in the application.
* Configured SAML 2.0 Single Sign-on authentication, OKTA Single Sign-on authentication.
* Worked in an Agile environment and also Installed and Configured Drupal on a Linux server and other servers
* Modelled data in Health Intent in Foundation Medicine, using Foundation Medicine proprietary software, Excel, and FHIR (HL7).
* Enhanced, fixed functional and performance related bugs in core product written in GO (Golang).
* Used Apache Maven build tool to automate the build process and Jenkins CI for continuous integration.
* Designed CSS templates for use in all pages on the website working with **CSS Background, positioning, text, border, margin, padding and table.**
* Deployed and released modules using **AWS Code Build** and **Code Pipeline.**
* Implemented customized authentication in **Spring Security** to verify user-role and secure the user pages.
* Implemented **Python** based **Lambdas** to facilitate population of **AWS S3** buckets.
* Added **Java Lambdas** to existing services to facilitate updating **DynamoDB Tables.**
* Developed **Node** servicesin **TypeScript** and utilized **Express Routing**.
* Deployed Spring Boot based micro services **Docker** container using Amazon **EC2** container services and using **AWS** admin console.
* Involved in successful migration of C based architecture to GO (Golang), worked in distributed systems and server sided software.
* HL7 user assessments, requirements documents, current and future state model diagrams  HL7 vendor specification review and cross-walk tables.
* Built a RESTful API to save and retrieve information in Java using Struts MVC, Apache CXF and JAXRS.
* Used Data Frame API in **Scala**for converting the distributed collection of data organized into named columns, developing predictive analytics using **Apache Spark Scala APIs.**
* Utilized AWS **Lambda** platform to upload data into AWS **S3** buckets and to trigger other **Lambda** functions.
* Created computing and data resources on **AWS** using **EC2**.
* Configure **Harness** build Jobs for (**CI**) and (**CD**).
* Analyzing client data using **Scala, spark, and spark SQL** and defining an end-to-end data lake presentation for the team.
* Integrating Apache Flink with different data sources and sinks, such as Apache Kafka, Apache Cassandra, or other connectors, to ingest and output data GOLstreams.
* Develop HL7 Integration data analysis documents for on boarding various HL7 interfaces like ADT, LABS, Medications, Allergies, Notes etc. to First Gateways Med plus Inc. Physician Portal
* Administered and deployed applications into **WebSphere** Application Server.
* Developed Test Cases and performed unit test using **JUnit** with **Mockito** Framework.
* Tested **RESTAPI** using **REST Assured** framework.
* Design **Shell scripts** to filter and transform the huge amount of data in troubleshooting the issues.
* Created **JSON** request and validated the response using postman Interceptor and **Swagger UI**.
* Used **Jedis** as well as **Lettuce** as **Redis** clients.
* Developed a data pipeline using**Kafka, Spark, Scala, MapReduce, Hive,** and **Sqoop**to ingest, transform and analyze customer behavioral data.
* Used **Log4j** for logging and tracing the messages.
* Used **GIT** for version control and involved in writing the build scripts using **Gradle**.
* Used **JIRA** for defect management and to keep track of bugs and issues.
* Prepared documentation for some of the recurring defects and resolutions and business comments for those defects.

**Environment:** Java 8.0, Spring 4, , Spring batch, Spring Boot, JPA, JMS, NodeJS, IntelliJ, DynamoDB, Swagger UI, Log4j, JIRA, Jackson, Web Services ,Amazon Kinesis , Microservices, REST UI.

**Comerica Bank, Auburn Hills MI**

**Sr. Full Stack Java Developer June 2020 to June 2021**

**Responsibilities:**

* Following **Agile** (**Scrum**) Methodology for developing application development.
* Developed modules using **Core Java APIs**, **Collections**, **Java 1.8 (Streams)**, **Jordan API(Dates)**, **Multi-threading**, **Exception Handling**, **Generics**, **Enums, Java I/O** and object-oriented designs patterns.
* Used Microservice architecture with **Spring Boot** based services interacting through a combination of **REST** and **Apache Kafka** message brokers.
* Involved in Test Driven Development. Written automated unit test functions in Golang to cover the API code.
* Implemented AWS solutions using EC2, S3, DynamoDB, EBS, Elastic Load Balancer, Auto scaling groups.
* Developed business components by using **Spring Boot**, **Spring IOC**, **Spring AOP**, **Spring Annotations**, **Spring Cloud** &Persistence layer by using **Hibernate/JPA** along with Web Services (**RESTful**).
* Implemented customized authentication in **Spring Security** to verify user-role and secure the user pages.
* Used **JAX-RS** for creating Restful web service and implemented authentication by using **OAuth2** Security Framework.
* Implemented Single Sign-On (SSO) and LDAP integration using SAML 2.0 configuration. Implemented PPM and Domain Separation.
* Involved in configuration changes to utilize a new API for a new hybrid connection manager that uses Tibco Spotfire and Tibco EMS to send UI requests to the server and Tibco RV to carry server response back to UI.
* Worked to Real-time and Batch data acquisition pipelines using Apache Kafka, Flink and Storm on projects such as fraud detection on transactions.
* Designed and Developed Real-time Stream processing Application using **Spark, Kafka, Scala,** and Hive to perform Streaming **ETL**and apply Machine Learning.
* Implementation of **Hystrix** circuit breaker to avoid loss of messages during handling of messages at consumer level.
* Developed a microservice that extracts data from PostgreSQL and generates a flat file and sends to AWS S3 using GO (Golang)
* Involved in development of real time streaming applications using Pyspark, Apache Flink, Kafka
* Implementation of **Zuul** Proxy as the **API** gateway.
* Involved in configuration changes to utilize a new API for new hybrid connection manager that uses Tibco EMS to send UI request to server and Tibco RV for carrying server response back to UI. This change allowed running multiple subscription-service instances in clustered environment and thereby offered better load distribution.
* Implemented **Hibernate** Template to great extent making use of **HQL**, Named Parameters, Named Queries, and interfaces such as Expression, Query, and Criteria.
* Used **Hibernate Transaction Management**, Hibernate Batch Transactions and Hibernate Cache Concepts.
* Design complex **SQL Queries**, **stored procedures**&**triggers** on **SQL Server** database.
* Used **Stored Procedures** for applications that needed to execute as part of a scheduling mechanisms.
* Developed **UI** using **Angular 7**, **Bootstrap**, **TypeScript**, for interactive cross browser functionality and complex user interface.
* Developed powerful Single Page Application (**SPA**) and dynamic responsive Web Application with **Angular 7**.
* Worked with Angular 7 **Controllers**, **Directives**, **Services**, **Pipes**, **Guards**, **Angular Routing**.
* Deployed Spring Boot based micro services **Docker** container using Amazon **EC2** container services and using **AWS** admin console.
* Loading data into **Spark** RDD and do in memory data Computation to generate the Output response.
* In GemFire these data structures are implemented using partitioned regions.
* In most cases, GemFire allocates one partitioned region for each data structure. For example, each Sorted Set is allocated its own partitioned region, in which the key is the user data and the value is the user-provided score, and entries are indexed by score.
* The GemFireRedis Adapter supports all Redis commands for each of the Redis data structures.
* Utilized AWS **Lambda** platform to upload data into AWS **S3** buckets and to trigger other **Lambda** functions.
* Created computing and data resources on **AWS** using **EC2**.
* Configure Jenkins build Jobs for (**CI**) and (**CD**)and writing **Python scripts** on top of it.
* Administered and deployed applications into **WebSphere** Application Server.
* Developed Test Cases and performed unit test using **JUnit** with **Mockito** Framework.
* Developed and performed test cases using **Jasmine** and **Karma** for front end unit testing.
* Tested **RESTAPI** using **REST Assured** framework.
* Design **Shell scripts** to filter and transform the huge amount of data in troubleshooting the issues.
* Created **JSON** request and validated the response using postman Interceptor and **Swagger UI**.
* Used **Log4j** for logging and tracing the messages.
* Used **GIT** for version control and involved in writing the build scripts using **Maven**.
* Used **JIRA** for defect management and to keep track of bugs and issues.
* Prepared documentation for some of the recurring defects and resolutions and business comments for those defects.

**Environment:** Java 8.0, Spring 4, Hibernate 4.2, Spring batch, Spring Boot, JPA, JMS, Angular 7, HTML5, CSS3, Eclipse, SQL Server, Swagger UI, Log4j, JIRA, Web Services, Kafka, Microservices, REST UI.

**Americorps ,Washington , DC**

**Sr. Full Stack Java Developer January 2019 to June 2020**

**Responsibilities:**

* Involved in Requirements gathering, Analysis, Design, Development and Testing of application using **AGILE** methodology (**SCRUM**) in a **Test-driven Development** (TDD) approach.
* Worked on a **SAFE AGILE** based methodology which brings new approaches and changes to the team every **PI**.
* Developed and designed the web interface using **HTML5, CSS3, JavaScript, jQuery, ReactJS,** and **Bootstrap**.
* Built the reusable service components using **ReactJS** Components with **Object Oriented JavaScript**, **jQuery, HTML, CSS3** based on the visual designs.
* Developed various **ReactJS** components to help build the functionality and **UI** behavior using **JavaScript**.
* Used **Redux** as a store for storing multiple states of a **React** component.
* Used **ReduxThunk** as a middle ware for calling the **API**s and setting the states with the **JSON** data.
* Worked with **UI** designers and User experience team to define screen designs. Developed angular partials based on **UI** screens.
* Actively involved in coding using **Java1.8, Spring 4.x** to develop features from end to end.
* Independently integrate multiple APIs and new features using **React** + **GraphQL** stack.
* Developed mock data generation feature that is integrated with **GraphiQL** IDE interface to allow users to send queries against their custom generated schema and render mock results in order to familiarize users to the **GraphQL** syntax.
* Rewrote existing Python/Django modules to deliver certain format of data.
* Wrote python scripts to parse XML documents and load the data in database.
* Designed and implemented an application using **Spring Boot**, **Spring IOC**, Spring transactions, Dependency Injection, Spring Annotations, Spring AOP, Spring Actuator, Spring Container managed transactions, **Hibernate**.
* Implemented load-balancing with NGINX to allow dozens of Node JS instances to handle thousands of concurrent users.
* Developed user interface using JSP with JavaBeans, JSTL and Custom Tag Libraries, JS, CSS, JQuery, Node.js, Angular Js, and HTML to speed the application.
* Used **Spring Security** for authentication and authorization of users, **Spring JDBC** for easy database operations using JDBC template, writing row mappers and **Spring Boot** easy bootstrap applications from scratch.
* Implemented the authentication and authorization of the application using **Spring Security** and **OAuth2**.
* Worked on **MongoDB**and wrote code on find, update, save, insert data.
* Worked on data extraction in loading **JSON** data from the server-side content into **MongoDB**.
* Implemented the function to send and receive AMQP messages on **RabbitMQ** synchronously and asynchronously and send JMS message to **Apache ActiveMQ** on the edge device.
* Implemented **Zipkins** for distributed Micro Service Monitoring.
* Integrated **Swagger UI** and wrote integration test along with **REST** document.
* Developed all **REST APIs** using **Hystrix** commands and **Feign** clients for efficient fault tolerance and handling fallback mechanisms.
* Worked with unit testing of**ReactJS** applications using **Jest** and Spring Boot applications using **JUnit, Mockito** and performed end to end testing using **Protractor**.
* Worked on **Jenkins** for the **Continuous integration** and **ContinuousDeployment**.
* Worked on **AWS** Cloud watch and **AWS ALB** for Load balancing and also worked on **ELB** for the performance testing by sending 5000 requests per minute.
* Utilized **AWS** Services platform to upload data into **AWS S3** buckets and creating **EC2** instances.
* Used **GitHub** to maintain the version of the files.

**Environment:** JAVA 8, J2EE, HTML5, CSS3, AWS,, jQuery, Ajax, Rabbit MQ, JSON, ReactJS, Spring Boot 2, Spring Hibernate 4.0, Swagger UI, Docker, Microservices, ActiveMQ, RabbitMQ, Spring Security, OAuth2, Bootstrap, RESTful web services, Web Sphere, SonarQube, Redux,, Jenkins, Agile/Scrum Methodology, Maven, JIRA, JBoss, JUnit, Mockito, Jest, Protractor, Hystrix, Zipkins, TDD, MongoDB, Git, XML,LESS, Webpack, AXIOS.

**Humana , Louisville , KY**

**Java Full Stack Developer Nov 2016 to December 2018**

**Responsibilities:**

* Involved in Requirements gathering, Analysis, Design, Development and Testing of application using **AGILE** methodology (**SCRUM**) in a test-driven development (**TDD**) approach.
* Developed and designed the web interface using **HTML5, CSS3, JavaScript, jQuery, Angular 2** and **Bootstrap.**
* Built Components using **Angular 2** and worked on Angular directives. Implemented lazy loading and Dynamic loading in the Angular routers. Worked on Typescript for building the code.
* Implemented **HTTP** requests using**RxJS Observable** library to handle multiple values over time**.**
* Developed prototype and project layout skeletons using **Angular 2, jQuery, HTML5, and CSS3.**
* Used various **jQuery**and **Bootstrap** plug-in like date picker, Bootstrap selectors.
* Implemented **Microservices** into existing system architecture. Developed **Microservices** business components and **RESTful** service endpoints using **Spring Boot**.
* Gained Knowledge on Electrode Platform which is a NodeJS/Web platform built on top of the ReactJS and HapiJS frameworks.
* Worked on Node.js extensively in NPM commands.
* Developed multiple enterprise applications using **SpringBoot, Hibernate framework, Spring IOC, Spring MVC, Spring JDBC, Spring Annotations, Spring AOP, Spring Integration, frameworks, RESTfulwebservices.**
* Implemented authentication and authorization for the application using **Spring Security and Oauth2.**
* Worked on **Java 8 Lambda** expressions and Pipelines, Streams.
* Used Python and Django to interface with the jQuery UI and manage the storage and deletion of content.
* Worked on several python packages.
* Implemented **Spring IOC** for Dependency Injection and to make the code loosely coupled and **Spring AOP** for logging purposes.
* Implemented **SOAP** based **JAX-WS Web services** interfaces for integrating multiple systems, code re-usability and consumed JMeter to test performance of **SOAP** protocol.
* Implemented RESTful web services which produces both **XML** and **JSON** files to perform tasks, **RESTful** web service using Jersey for **JAX-RS** implementation, which leveraged both web & mobile applications.
* Worked on creating, retrieving, updating and deleting documents in **MongoDB**.
* Configured **JMS** server setup, DB connection setup & deployed Returned items in Web Sphere Server.
* Setup the **Continuous Integration (CI) & Continuous Development (CD**) for the application using Jenkins.
* Worked on **Jenkins** for continuous integration with **Gradle** and **GitHub.**
* Used **Log4j** for validate functionalities and **JUnit** for unit testing.
* Implemented configured **JIRA** issue tracking software with **Agile** plug-in across all the company functions.
* Used **IntelliJ** IDEA IDE tool for application development.

**Environment:**Java 1.8, J2EE, HTML5, CSS3, JavaScript, jQuery, Angular 2, TypeScript, Bootstrap, Spring Boot, Spring IOC, Spring MVC, Log4j, SOAP, RESTful, Microservice Architecture, XML, AWS, Mongo DB, CI/CD,, Maven, IntelliJ IDE, JUnit, JMS, UNIX, Jenkins, JIRA, Log4j, Git.

**State Street, Boston,MA**

**Java Developer July 2015 to Nov 2016**

**Responsibilities**:

* Provided technical guidance to business analysts, gather the requirements, and convert them into technical specifications/artifacts.
* Configured spring to manage Actions as beans and set their dependencies in a context file and integrated middle tier with **Hibernate**.
* Designed and Developed **UI** using **Angular.JS, HTML, CSS, Bootstrap, JavaScript, and jQuery.**
* Utilized **Angular.JS** framework to bind **HTML** template (views) to **JavaScript object** (models).
* Created Custom Directives in **Angular.JS**, making use of Modules and Filters objects according to the application requirement.
* Developed views using **Bootstrap** components, **Angular-UI** and involved in configuring routing for various modules using angular **UI** router.
* Implemented **Spring MVC** architecture and increased modularity by allowing the separation of cross-cutting concerns using **Spring AOP**.
* Deployed flow of Execution in the Servlet Environment using **Spring MVC** and defined Navigation Rules.
* Used **Spring Security** for Authentication and authorization.
* Used **Spring Core** for dependency injection/Inversion of control (IOC).
* Used **Hibernate Framework** for persistence onto **Oracle** database.
* Wrote **JavaScript** validations to validate the fields of the user registration screen and login screen.
* Designed a network of web pages, where the user progresses through an application by selecting links, resulting in the next page being transferred to the user and rendered for their use using **REST**.
* Developed high-performance web applications using spring and **XML HTTP Request**.
* Configured **JDBC** in the application server.
* Extensively worked on writing complex **PL/SQL** Queries using joins, stored procedures, Functions, Triggers, Views, Cursors, MaterializedViews, dB links, External views, indexes in Oracle DB&SQL tuning to reduce time in the application.
* Involved in debugging the product using **Eclipse** and **JIRA Bug Tracking**.
* Converted and automated builds using **Maven** and **Make.** Scheduled automated nightly builds using **Jenkins**.
* Test automation for web application using **Cucumber**.
* Configured and used WebLogic content management to display content in view components.

**Environment:**Java, JEE, Servlets, JMS, Hibernate, Spring, Web services, REST, UML, HTML, Bootstrap, JavaScript, jQuery, Maven, Make, PL/SQL, Bootstrap, Angular Js, Spring Security, Spring Data , Microservices, REST, Hibernate, Oracle, XML, XSD, Log4j, Oracle, PL/SQL, JUnit, AJAX, Jenkins, CSS, JSP, JNDI,, JIRA, Cucumber.

**Ariscent Software solutions, India**

**Jr. Java Developer July 2014 to June 2015**

**Responsibilities:**

* Involved in various phases of **Software Development Life Cycle** (SDLC) of the application like Requirement gathering, Design, Analysis and Code development.
* **Agile** Methodology is used for development of the application.
* Used **J2EE** design patterns like Value Object Pattern, service locator, and session façade, Singleton, Factory and **DAO**.
* Implemented Struts Dispatch Action class and form bean classes using **Struts** framework.
* Client & server validations were handled using **JavaScript** &**Struts** validate plug-in.
* Struts Tiles Framework is implemented for a common look in all the presentation views.
* Integrated **Struts MVC** with **Spring DI** and **Spring Hibernate DAO.**
* **EJB Session Beans** were used to process requests from the user interface and **CMP** entity beans were used to interact with the persistence layer.
* Involved in writing **XML** validation classes using **Struts** validation framework.
* Designed the user interfaces using **JSPs, AJAX** and **StrutsTags**.
* Used **XML** Web Services using **SOAP** to register agents using non-java application.
* Used **JMS** for the asynchronous exchange of critical data and events among **J2EE** components.
* Used **IBM**WebSphere Application Server to deploy the application.
* Developed **JUnit** test cases for **DAO** and Service Layer methods.
* Experience in writing shell and **Perl** scripts for database connectivity and to retrieve data from different sources.
* Used **Log4J** to capture the log that includes runtime exceptions.
* Developed the **ANT** scripts for preparing WAR files used to deploy **J2EE** components.
* Interacted with quality assurance team for requirements gathering and analysis.

**Environment:**Core Java, J2EE, JSP, Struts, Spring, OOAD, Oracle, HTML, EJB3, AJAX, Perl, JMS, XML, Design Patterns, ANT, Rationale Rose, IBM RAD IDE, IBM WebSphere, Application, Log4j.