**LAKSHMI KIRANMAI GUDURU**

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**PROFESSIONAL SUMMARY**

* Senior Full Stack Java Developer with over 10+ years of professional experience in the IT industry. Proven expertise in the entire **SDLC** from conceptualization with the design, development, and testing to the deployment of Web-based and Client-Server business applications.
* Well-versed in **Agile** and **Waterfall** methodologies, including **SCRUM** and **Kanban**, with advanced skills in **logging** using **Log4J** and **Splunk** for quality assurance in dynamic development environments.
* Leveraging a robust proficiency in **Java 8**, **Java 11, Java 17,** and **J2EE.** Utilizing technologies and **frameworks** like **JDBC, JSP, Servlets, Struts, Spring, Spring Boot, Spring ORM, Spring MVC, Spring IOC, Spring Security**, **Hibernate,** and **Web Services** for robust backend solutions.
* Hands-on experience with **Java 8** features like **Lambda expressions, Streams, Optional, Java Time API,** Functional interfaces,and **BASE64 encryption.**
* Proficient with Amazon Web Services (**AWS**), Azure Cloud platform with its features including **EC2**, ECR, ECS, SNS, EBS, **S3**, **Lambda,** **EKS, Glue**, **CloudWatch**, Cloud Trail, **Elastic Beanstalk** and **IAM Security Groups** that are utilized for different environments like dev, testing, and Production.
* Developed and maintained **Kubernetes** manifests using **YAML** for defining application deployments and configurations**.** Proficient in managing **HTTP** access control CORS for cross-origin resource sharing.
* Responsible for designing and maintaining **architecture** for **Restful APIs, and Third-Party API Integrations,** employing **Spring Boot.** Skilled in developing single-page web applications with **Angular**, **TypeScript**/**ES**, and **jQuery**.
* Demonstrated competence in **core Java** concepts, such as **Exception Handling, Collections, and Multithreading**. Experienced in using **Synchronized collections** and Concurrent Collections. Used native build tools, like XCode, and Gradle.
* Used **Java 11 to build modules and utilized Spring Boot framework to construct the Microservices.**
* Adept in **IntelliJ IDEA** and **Eclipse IDEs**, Expertise in front-end technologies including **React**, **Angular 4/5/6/8/9/11/13,** and **Node.js**. Proficient in **HTML5, CSS3, Bootstrap, jQuery, AJAX, SASS, and SCSS.**
* Skilled in **TypeScript** and various **JavaScript** frameworks like **AngularJS**, **React.js**, **Redux**, **Next.js**, **Node.js,** and **Express.js** for both client and server-side development. Proficient in testing React native components using Jest and Enzyme.
* Extensive experience in developing web, enterprise, and SOA applications using a wide range of Java technologies and tools, including **Core Java, OOAD, Multi-Threading, JavaBeans, JNDI, JDBC, Hibernate, JPA, Spring, various Web Services, XML, JSON, and more.** Used version controls like **GIT**, **GitLab**, **GitHub,** and **Bitbucket.**
* Skilled in database design and management with **Oracle, MS SQL, MySQL**, **and PostgreSQL** leveraging **NoSQL** databases like **MongoDB, DynamoDB,** and **Cassandra.**
* Experience with automated testing suites and transitioning existing **React web applications to React Native**.
* Experience in Microservices architecture with **Spring Boot-based services interacting through a combination of REST and MQ.** Also worked with messaging systems like **Kafka, Rabbit MQ, and Active MQ**.
* Competence in using the **Object Relational Mapping** Tool **Hibernate** and strong proficiency in **XML** mapping and **Java** Objects. Proficiency in reading **design documentation** and **UML Data Flow diagrams**.
* Expertise in **Graph QL** for efficient data queries, **Graph DB** for complex data relationships, and **Solr** for high-performance search functionality. Expertise in **Scala** programming and leveraging **Spark** framework.
* Proficient in project management and documentation using **JIRA, Confluence, Swagger**, and **Grafana.**
* Proficient in utilizing **BigQuery** for **large-scale data analytics** and employing **Kibana** for insightful **dataset visualization, enhancing decision-making processes.**
* Strong expertise in **J2EE** testing, proficient in developing and executing test cases with **JUnit, Mockito, Jasmine, Karma, Jest, Enzyme, Selenium,** and **Cucumber**, adhering to **TDD and BDD** principles.
* Strong understanding of **API technologies like OAuth, SAML, Spring Boot, and Microservices**.
* Specialized in (**CI/CD**) using **Jenkins**, adept at constructing streamlined pipelines and effective application delivery through **Docker** container services. Excellent knowledge of **API** Versioning and **API** documentation using **Swagger** and Open API Specification 3.
* Skilled in managing serverless **APIs** with API Gateway, integrating backend services using JAX-RS (**REST**) and JAX-WS (**SOAP**) for web service development, and proficient in connecting them with front-end applications.
* Experienced in application integration using Mule Soft ESBand **IBM** Message Broker for service integration and orchestration. Using EMR, EC2, **AWS Glue, AWS OpenShift /Elastic Search, Step Functions, Lambda, S3, CloudWatch Event bridge, Python/ Py Spark, Snowflake.**
* Implemented robust security protocols and features like **LDAP**, **OAuth 2.0**, **Spring Security,** and **JWT** for token-based authentication, ensuring the safeguarding of applications and sensitive data.
* Expertise in developing Reliable and Real-time communications between microservices and applications using **Rest API, Graph, and Web Socket Programming.**
* Mentor junior developers, providing guidance on best practices and fostering a collaborative team environment.

**EDUCATION**

**Degree:** Bachelor of Technology, JNTUK, INDIA | **Field Of Study:** Computer Science | **Passed Out Year**: 2011

**TECHNICAL SKILLS**

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| **Programming Languages** | C, C++, Java 8, Java 11/17, J2EE, JavaScript, Python 3.6.0, SQL, PL/SQL, Kotlin, Drools. |
| **Java/J2EE Technologies** | Servlets, Spring, JPA, JTA, JDBC, JSP 3.0, JSTL, RMI, Applets, JavaBeans 3.0. |
| **Frameworks** | Struts 2.5, Hibernate 5. X, Spring 5.0, Spring Batch, Spring Security, Spring AOP, Spring Core, Spring IOC, JSF. |
| **Web Technologies** | HTML, HTML5, CSS3, AJAX, jQuery, Bootstrap, XML, Grunt, Gulp, JSON, XML |
| **Database** |  SQL Server, MySQL, Oracle, MongoDB, DB2, Cassandra, Neo4j, PostgreSQL |
| **JavaScript Frameworks** | AngularJS, Angular 4/6/8/9/11/13, jQuery, React.js, Native, Node.js.js, Hapi.js, Express.js. |
| **Web Services** | XSD, WSDL, Apache Axis, SOAP, Restful, JAX RS, JAX WS |
| **Messaging** |  JMS MQ,IBM MQ, Active MQ, Apache Kafka, Rabbit MQ, Amazon SQS . |
| **Web Application Servers** | Oracle WebLogic 10.x/9.x, IBM WebSphere 8.x/6.x, Mainframes, Apache Tomcat 8.0/7.x/6.x, Jetty, JBOSS. |
| **Methodologies** | Agile, Waterfall, SCRUM, Kanban, TDD. |
| **Testing Tools** | JUNIT4.12, JMeter, Mockito, Selenium, TestNG, Jasmine, Karma. |
| **Reporting Tools** |  Jasper Reports 6.0, Crystal Reports XI, SSRS 5.0 |
| **Cloud Environments** | AWS, Azure, GCP, Netflix Eureka, IBM Cloud private, Mesos, Kubernetes, Docker |
| **Version Control** | SVN, GIT, GIT HUB, Bit Bucket. |
| **Build Tools** | Maven, Gradle, ANT, Jenkins |
| **IDEs** | Eclipse, NetBeans 8.0.2, RAD 6.0/7.0, IntelliJ IDEA, Spring Tool Suite (STS), WebStorm, Atom, PyCharm, |
| **Operating Systems** | Windows 11, Linux Mint 18.1, and UNIX |
|  **Design patterns** | Singleton, DTO Pattern, DAO Pattern, Delegate Pattern, Service Facade, Factory Pattern, Front Controller Pattern, MVC Pattern. |

**PROFESSIONAL EXPERIENCE**

**Client: Northern Trust, Chicago, Illinois April 2023 – Till Date**

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

**Project**: **Falcon** - **Credit Card Fraud Application**

 At Northern Trust, I am playing a pivotal role as a full-stack Java Developer in the transformation of our legacy systems. I am currently working on credit card fraud applications. When users swipe a credit card, those transactions will be monitored by a third-party application called Falcon. In case any fraud is identified on a credit card transaction, a case will be created in our system and Our application takes care of case management.

**Responsibilities:**

* Involved in the analysis, design, and development phases of the **SDLC** using **Agile (SCRUM)** development methodology to deliver regular updates tothe business team and project managers.
* Developed applications using **Reactive Programming, Spring Boot, Java 11, React JS, and React Native.**
* Leveraged **Java 17's** security features, such as the latest **cryptographic algorithms** and **security enhancements**, to ensure the financial project meets industry-standard security requirements.
* Implemented design patterns like **MVC, Singleton, Business Delegate, Factory, and Service Locator.**
* Used **Spring Core** Annotations for **Dependency Injection, Transaction management, Spring REST for REST APIs, Spring Boot** for **microservices Kafka** as **message broker, and Cassandra as** backend databases.
* Profound experience in creating real-time data streamingsolutions using **Apache Spark /Spark. Streaming, Kafka, and Flume.** Proficiency in state management libraries like **Redux.**
* Hands-on experience with **Multithreading, Exception Handling, Concurrency, Generics**, **File Handling I/O, Data Structures and Collections, and Garbage Collection in Core Java.**
* Implemented **Micro-services** using **Pivotal Cloud Foundry Platform** Build upon **Spring Boot Services.**
* Utilized **TypeScript's** powerful type system to catch errors early, improve code documentation, and facilitate collaboration within development teams. Mastery of **React Hooks** like useState, useEffect, and useContext.
* Utilized **Helm** for package management and simplifying the deployment of **Kubernetes** applications**.**
* Created java processes and scheduler jobs to create **ACH** outbound files as per **NACHA** file formats facilitating payments and parsing the **ACH** Returns files.
* Designed and developed a common interface to make payments by credit card and **ACH** using different payment gateways like **Cyber Source, ETS, Pay Pros, and Sift4 seamlessly**.
* Converted a **monolithic** **app** to a **microservices** architecture using **Spring** **Boot** using a **12-factor app** methodology.
* Conducted comprehensive testing and debugging to deliver high-performance and reliable **TypeScript**-based projects.
* Collaborate with **UX/UI** designers to implement visually appealing and intuitive user interfaces.
* Utilized **Kotlin programming language** alongside Java to develop **microservices,** leveraging **Kotlin's** concise syntax.
* Developed user interface by using **React JS, and Flux for SPA development.**
* Experienced in upgrading to **Spring RESTFUL** **Microservices** from **Monolithic Services (SOA).**
* Worked on creating documents in **Mongo DB.**
* Utilize **Hibernate** for object-relational mapping and integration with various databases including **Oracle,** and **PostgreSQL.**
* Skilled in **Core Java development** with a strong foundation in **object-oriented programming**.
* Collaborated with cross-functional teams, including developers and **DevOps** engineers, to ensure smooth integration.
* Extensive experience in scripting with **Shell, Bash, and** **Python** for automation and task simplification on Unix/Linux platforms. Implement **TDD** practices, ensuring high code coverage through automated testing.
* Developed Micro-services using Spring Boot and Spring Batch, that create, update, delete, and get the assignment information from the backend. Utilized GIT for defect tracking and change management.
* Conduct unit testing, integration testing, and end-to-end testing using tools like **Postman**.
* Experience with **Kubernetes** concepts such as **Pods, Services, Deployments, Stateful Sets,** and **Ingress.**
* Extensively used **Java 8** features such as **lambda expressions, Parallel operations on collections, multithreading**, and effective sorting mechanisms. Deployed applications on **Pivotal Cloud Foundry** through **Docker.**
* Used authentication, and authorization standards using **OAuth, SAML**, and Open System ID Connect.
* Also Worked with **AWS SSO** with **Okta** for one of the services within the **AWS cloud** infrastructure, by giving temporary access to it in terms of certain roles and policies.
* Designed and developed front-view components using **ReactJS, JSP, HTML5 and CSS3. Developed Interactive web pages using AJAX.**Implement and optimize **Active MQ** for reliable messaging between components.
* Used Spring Framework in the application, which is based on **the MVC design pattern**. Developed Action classes and Form beans and configured **spring-config.xml.**
* **Core Java with Concurrent API is** used extensively for parallel processing and chunk processing.
* Developed Java classes for implementing Business logic using EJB (Stateless session, entity, and message-driven beans).
* Created **WAR/EAR** files using **MAVEN** build and deployed them on **JBOSS and Tomcat servers.**
* Developed a large-scale **Angular 13** project, utilizing the latest features and enhancements of the framework.
* Scripting and setup **of CI/CD pipeline** to deploy and execute **ETL** utilities on **AWS.**
* Developed Rest service for authentication using **Spring Boot** with embedded **Tomcat server**. Used **Spring Boot** for single sign-on page application to access more quickly.
* Created and deployed data processing pipelines utilizing **Apache Spark** to perform extensive data analysis and machine learning operations at **scale**. Developed complex **SQL queries** for extracting data from the **database**
* Handled high data streams and made use of publish, subscribe, store, and process streams of records in a **fault-tolerant and scalable manner using Apache Kafka.** Expert usage of React Router with lazy loading and code splitting.
* Developed automated test scripts using **Selenium** **WebDriver, reducing manual testing efforts**.
* Developed custom **Docker container images, tagging, pushing images, and integration of Spring Boot.**
* Created and compiled **XML** Schema to generate **Java Bean classes using Apache.**
* Troubleshooting software components to identify and resolve the production issues in Kubernetes (**AKS**), minimizing downtime and ensuring optimal performance. Designed and developed **Web Services (SOAP, WSDL).**
* Used **React JS** to create views to hook up models to the **DOM** and synchronize data with the server as an SPA.
* Developed applications using the latest **Java/ J2EE** technologies and the latest features of **Java 8 and Java 11.**
* Led **API integration** efforts to connect diverse systems, ensuring seamless data exchange and enhancing business processes.
* Used **XML** parser APIs (SAX) in the web service request response data marshaling as well as an un-marshaling process.
* Involved in writing application-level code to interact with **APIs, and Web Services using AJAX, JSON, and XML.**
* Implemented Database access for **Mongo DB and MySQL.**
* Designed and Developed Stored Procedures and **Triggers in Oracle** to cater to the needs of the entire application.
* Collaborated with cross-functional teams to ensure smooth integration of front-end and back-end systems.

**Environment**: Java 17, Java 11, Java 8, Core Java, J2EE, REST, Microservices, SOAP, XML, JavaScript, Angular 13 /11, ReactJS, Redux, Spring, Spring Boot, Spring MVC, Docker, Confluence, Git, GitLab, React Native, Jenkins, Kubernetes, Maven, Kafka, Meter, JBoss, Apache Tomcat, Active MQ, Splunk, POSTMAN, JSON, Oracle, AEM, PostgreSQL, DevOps, CI/CD, Kibana, Agile, EDA, TTD, Hibernate, AWS EC2, Cloud Watch, S3, Lambda, Elastic Beanstalk, Apache Spark, Hibernate, Kafka, Jenkins, AWS, HTML5, CSS3, Log4J, MongoDB, SQL, Agile and Windows.

**Client: State Farm, Dallas, Texas Nov 2021 to Mar 2023**

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

**Project: Claim Lifecycle Project.**

The initiative began with a comprehensive client requirements analysis, culminating in the deployment of a robust and modular application. Utilizing a myriad of Java/J2EE technologies, we modernized the architecture by transitioning from a monolithic to a microservices framework using tools like Spring Boot. I worked on a claim lifecycle project. Whenever a claim is generated in the portal, our application will take care of How to validate that claim, How to price that claim, and How to settle that claim. The entire claim life cycle will be taken care of by our application.

**Responsibilities:**

* Demonstrate advanced proficiency in the MEAN (MongoDB, Express.js, Angular, Node.js) stack for designing and implementing scalable and efficient web solutions.
* Expertise in utilizing **React, React Native,** and **Redux** forbuilding complex and interactive user interfaces.
* Creating dynamic user interfaces using **ReactJS** for its **virtual DOM** feature, **JavaScript** for client-side scripting, and **HTML/XML and CSS** for webpage structure and style.
* Used **ReactJS** to create a Single Page Application (SPA) which can bind data to specific views and synchronize data with server using **Bootstrap and ReactJS.**
* Develop, and optimize server-side logic using **Node.js** and **Express**. Participated in the review of business requirements and functional designs for applications and contributed to creating wireframes.
* Used **JMS** for the asynchronous exchange of critical business data, for event-driven design and events among **J2EE components and legacy systems.** Developed custom **Splunk** data collectors for Java applications.
* Used **AWS Fargate** with **AWS ECS** to run containers without having to manage servers or clusters of Amazon **EC2** instances. Involved in Unit testing of applications using Junit.
* Built the package using Maven and deployed the application onto the **WebLogic App Server.**
* Migrated some of the core services of the application from **Java 7 to Java 11** refactoring and replacing the deprecated modules and classes. Utilized **GraphQL** for efficient and flexible data queries.
* Used **Java 8 features, such as Lambda expressions, Streams, and Functional Interfaces**.
* Developed application using spring **MVC, Spring Batch, JSP, JSTL, and AJAX** on the presentation layer, the business layer is built using **spring**. Implement and optimize build processes using **NPM, Grunt, and Gulp for efficient task automation**.
* Streamline development workflows to enhance productivity and code quality and Engage in an **Agile** process, bi-**weekly Sprints**, and daily Scrums to facilitate development discussions and adopt a **TDD** approach.
* Seamlessly integrated **AWS ECS** and **S3** services with **Node.js** applications.
* Leveraged Java 1.8 features such as streams, lambda expressions, functional interfaces, collections, Date/Time changes, and type annotations. Utilized **Java 11's** HTTP Client API to build robust and responsive applications.
* Good expertise in building container-based systems using **Kubernetes, Docker, EKS, and ECS.**
* Collaborate with **cross-functional teams** to ensure alignment with project goals and timelines.
* Utilize **Azure** services for hosting, deploying, and managing web applications.
* Collaborate with **DevOps** teams for continuous integration and delivery.
* Using databases such as **MySQL, PostgreSQL, and MongoDB** with **Spring** applications.
* Orchestrated **Spring Boot** and the ability to create **microservices** using **Spring Boot, Hibernate, and Jersey**.
* Familiarity with dependency injection and inversion of control (**IoC**) in Spring.
* Developed a **CI/CD** system using Jenkins within a **Kubernetes** container environment.
* Proficient in **Unix**-based operating systems, including **Linux**, for system administration and command-line operations.
* Used **TypeScript** to develop scalable and maintainable front-end and back-end solutions. Built **RESTful APIs** using **API Gateway and integrated them with Lambda functions.**
* Analyzed intricate business requirements, translating them into comprehensive technical specifications to design and redesign software components and applications, ensuring alignment with organizational objectives.
* Implemented **JSON Web Tokens** for **authentication and authorization security configurations using Node.js**.
* Integrated **Kafka** to consolidate data from multiple topics into a database and directed **RESTful APIs**, integrating with Stream sets.
* Deployed and maintained **Microservices** using **Docker** and gained experience with **AWS ECS, and Kubernetes**.
* Scaled **Microservices**, distributed systems, and serverless applications using **Simple Queue Service** (SQS).
* Utilized the **Express Framework** to set up middleware for handling **HTTP** requests with Node.js.
* Orchestrated web applications from scratch using **Angular** to develop single-page applications.
* Implemented containerization technologies such as **Docker and Kubernetes** for deploying Spring Boot applications.
* Designed and developed the layout of the application using **HTML4.0/HTML5, CSS/CSS3 and Bootstrap 3.3.4.**
* Used **Typescript along with ECMA Script features for compact coding.**
* Proficient in building interfaces with **ReactJS and** orchestrated with **React Flux architecture** and Utilized React-Router for Dynamic Routing. Implemented flux pattern by using the **redux framework** as a core dependency.
* Experience with Automated Testing tools and frameworks like **JUnit, Mockito, Nautilus**
* Developed **Restful** web services using the **MERN stack, incorporating MongoDB, Express, React-Redux, and Node.js.** Designed and configured management reports and dashboards using **Kibana.**
* Performed **CRUD** Operations like Update, Insert, and Delete data in **MongoDB** and handled database access and data transmission based on **RESTful** Web Service. Used **Maven** and **GIT** for project builds and version control.
* Created various single-page applications (SPAs) using **React.js** and utilized various components from the Redux library. Managed application server environments with **WebLogic**, optimizing for performance and reliability
* Developing web applications and webpages using **React JS, firebase, jQuery, Node.js, Bootstrap, and Npm**.
* Orchestrated in using **React native components, Forms, Event, Keys, Navigation** and Redux concepts.
* Orchestrated in building containers-based systems: Architecture, implementation, and managing orchestration platforms such **as Kubernetes, Docker, EKS, and ECS. Worked on Native Android and IOS Applications for state farm.**
* Enhanced **Solr** for full-text search, indexing, and scalable **Solr Cloud** in Java, aligning **SolrJ** with the server.
* Developed and executed unit tests and integration tests using **Jest** and **Selenium**, adhering to **TDD** methodologies.
* Utilized **GitHub and Gitlab**, private and public repositories, for **version control**, and **JIRA** for defect tracking.
* Optimize **Gulp** pipelines for efficient file processing, concatenation, and minification.
* Orchestrated with **Docker containers**, managing and running containers, taking container snapshots, and handling images.

**Environment**:  HTML 5, CSS 3, Java 8, Java 11, Kafka, Hibernate ORM, MongoDB, JIRA, Rest services, TDD, JavaScript, Angular, jQuery, Node.js, DevOps, React, Redux, Express, MongoDB, SCSS, Flex-box, Docker, App Center, HTTP Module, HTTP Client Module, MEAN STACK, Npm, Native, WebLogic, Grunt, Gulp, underscore.js, Restful APIs EKS, ECS, Kubernetes, require.js, crypto.js, passport.js, Firebase, Azure, Junit, Kibana, Docker, Git, Nautilus, CI/CD, AWS.

**Client:** **Warner Bros. Discovery, El Segundo, CA Sep 2020 to Oct 2021**

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

**Project: Subscription Checking Application.**

I have worked on checkout services. Whenever the user wants to buy any kind of digital subscription, they will simply add the items to their virtual cart, and when they click on checkout then our backend web services will be called to handle the checkout. We have multiple services like creating, fetching, updating, and deleting the draft order details. If everything is ok, we can place the order. Each of these is a different micro-service.

**Responsibilities:**

* Engaged in **Agile** Development methodologies, emphasizing effective communication across all stages of the Software Development Life Cycle (**SDLC**) and enhancing team collaboration through **Angular's** modular architecture.
* Designed and implemented responsive web interfaces leveraging **Angular**, employing **HTML5**, **CSS3** media queries, **TypeScript**, and **Bootstrap** to facilitate dynamic user experiences with two-way data binding and Angular directives.
* Employed **Java 8’s** Interface Default and Static Methods to create more flexible and easily maintainable code structures, promoting better API design.
* Used **Azure** DevOps for automated **CI/CD** and implemented event-driven microservices with **Azure** Functions.
* Implemented **Bean** classes and configured in spring configuration file for **Dependency Injection, Developed Controller Classes using Spring MVC, Spring AOP, Spring Boot, and Spring Batch modules, and handled security using Spring Security.**
* Build rich user interfaces with the **JSF** Framework, Using **Hibernate** to interact with **PostgreSQL** database and queries using HQL.
* Implemented **SOAP** web services using **JAX-WS** for interoperable machine-to-machine communication.
* Designed and optimized **MongoDB** database schemas and queries for efficient data storage and retrieval.
* Optimized data retrieval with **MongoDB** indexing and configured cloud clusters with **MongoDB Atlas.**
* Write and maintain unit tests with **Junit** using **TDD** principles, ensuring code reliability and robustness.
* Utilized **Azure App Service** and Functions for scalable hosting and event-driven computing.
* Automated deployment of secrets and certificates from Azure KV to Azure Kubernetes Service to secure containerized apps
* Utilized **Docker** for containerization, and **Kubernetes** for orchestrating and managing containerized applications.
* Utilized **RabbitMQ** for efficient message brokering across distributed microservices, ensuring scalability and reliability. Used **Gradle** for building automation and **Log4J** for logging and tracing messages.
* Implemented Spring Security with **JWT** for enhanced security and code quality in Spring Boot through testing.
* Integrated **Azure** **KV** with **Azure** **AD** for identity-based access control, ensuring secure and selective access to sensitive information based on roles.
* Utilized **Selenium**, **Jasmine**, and **Karma** for thorough automated testing of both front-end and back-end.
* Leveraged **Apache Tomcat** for server management, focusing on deployment and environment handling.

**Environment**: Angular, Core Java, Java 8, J2EE, Spring Boot, Microservices, JSF Framework, Spring Security, Spring MVC, Spring AOP, Spring Batch, Angular, React Native, NodeJS, RabbitMQ, JavaScript, CI/CD, DevOps, Apache Tomcat, HTML5, CSS, Bootstrap, SOAP, MongoDB, PostgreSQL, Graph DB, JUnit, Jenkins, Log4j, JIRA, Git, Azure, Docker, Kubernetes, Terraform, TDD, Selenium, Jasmine, Karma.

**Client: Centene, Austin, Tx. Dec 2018 to Aug 2020**

**Role: Full Stack Developer**

**Responsibilities: -**

* Interacted with the business analysts to gather functional design specifications for the requirements.
* Used Spring Framework for **Dependency Injection** and integrated it with Hibernate**.**
* Designed and developed **Micro Services** business componentsusing **Spring Boot** and deployed them in thecloud.
* Developed UI pages using **HTML5, Angular 7, Bootstrap, CSS4, JavaScript, jQuery, AJAX and Node.js.**
* Developed powerful Single Page Application and dynamic responsive Web Application with **Angular 7.**
* Designed and implemented containerized applications using **AWS ECS, enabling seamless deployment, scaling, and management of Docker containers.** Worked on one of our Centene internal transactions Applications.
* Implemented stream processing applications using **Kafka Streams API** to perform real-time analytics on data.
* Integrated various Azure services, including Azure Virtual Machines, Azure App Service, Azure SQL Database, and Azure Kubernetes Service (AKS), to support different aspects of the project.
* Used spring framework modules like **Spring Core, Spring AOP, Spring MVC, Spring Batch, Spring Security, and Spring Boot** and integrated **Microservices** into the existing system architecture.
* Collaborated with cross-functional teams to identify and resolve bottlenecks within the **Kafka** infrastructure.
* Created Res-useable components**, Custom Modules, Custom Directives, Pipes, and Services in Angular 7.**
* Collaborated with development teams to ensure seamless integration of applications on **WebLogic Server**, resulting in improved **system stability and reduced downtime**.
* Used **GCP** as the Cloud Architecture for a module in the application host procedure.
* Implemented Spring **JDBC** to interact with the databases from the Spring boot applications.
* Developed the Web Interface using Spring**, HTML5, CSS3, and JavaScript**.
* Manage configuration of **Web App and Deploy to AWS cloud server through Chef.**
* Utilized Java Drools to develop and **implement complex business rules**.
* Collaborated with stakeholders to gather requirements and translate them into **Drools rules**.
* Monitored and optimized application performance using **GCP's Stack** driver monitoring and logging services.
* Used **Jasper** for generating analytical reports of the entities in the process of development.
* Implemented and tested the enterprise application **with jQuery, AngularJS, and Spring MVC**.
* Successfully managed data warehousing projects, resulting in improved **data accessibility and insights**.
* Collaborated with cross-functional teams to integrate **BigQuery** into data-driven decision-making processes.
* Collaborated with the QA team to develop test plans and ensure the reliability and performance of API integrations under different scenarios. Specialized in **CI/CD** using **Jenkins**, adept at constructing streamlined pipelines.
* Moving existing monolithic architecture to **Microservices and migrating them to AWS cloud.**
* Used the J2EE design patterns **like Value Object Pattern, Business Delegate, Service Locator and Session Façade, Singleton, Factory, and DAO.** Wrote test cases in JUnit for unit testing of classes.
* Implemented Docker-based deployment of Java applications within **JBoss** application server containers.
* **Designed, developed, and implemented API integrations using RESTful and SOAP protocols**, enabling real-time data synchronization between applications.
* Developed **SOAP, WSDL,** and web services clients using **JAXB and XML,** and implemented SOA architecture.
* Created Data Source and deployed web application in the **IBM** WebSphere application Server.
* Developed and implemented data processing pipelines using **Apache Spark** for large-scale data analysis.
* Developed material and trained multiple teams at organizations on DevOps on multiple platforms including Azure DevOps, Jenkins, Octopus, and others for on-prem and cloud architecture.
* Involved in **RDBMS** database design using **SQL**, to write Stored Procedures, **Functions, Triggers, and prepared Statements.**  Actively participated in daily **SCRUM** meetings to produce quality deliverables within time.

**Environment**: J2EE, Spring, Spring Boot, Node.js, AngularJS, JBoss, Angular 7, Hibernate, JDBC, Apache Spark, BigQuary, DOM, GCP, SOAP, WSDL, JAX-B, XML, IBM WebSphere, SCRUM, WebLogic, CI/CD, Jasper, EJB, Log4j, JUnit, SQL, Agile, Windows.

**Client: Appnomic Systems, Hyderabad -India. Aug 2011 - Oct 2016**

**Role: Java Developer**

**Responsibilities**

* Oversaw requirements gathering, design, and analysis of the system.
* Orchestrated with customers to gather requirements and develop use cases, projects, and test plans.
* Develop, enhance, and maintain COBOL applications, demonstrating expertise in efficient and optimized coding.
* Involved in developing the **UI pages** using **HTML, CSS, JavaScript, AJAX, JSP** tag libraries, etc.
* Responsible for maintaining and expanding AWS (Cloud Services) infrastructure using AWS Stack especially worked with database setup and maintenance on **AWS EC2**. Expertise in **Scala** programming and leveraging the **Spark** framework.
* Used SQL Programming extensively to talk to Oracle database.
* Used Core concepts **like Collection, Exception Handling, and Multi-threading**.
* Developed Business logic of the application using Java, and Spring Core and implemented it in **MVC architecture** using **Spring MVC** and Used Servlets to get the information to be displayed on different pages.
* Design and implement data solutions using Azure services like Azure SQL Database, Azure Cosmos DB, and Azure Data Lake Storage. Developed customized **Kanban** boards tailored to specific project requirements, ensuring clear visualization of workflow stages. Performed **Client-side validations using JavaScript. Worked with several web and mobile applications.**
* Involved in developing **Web interface using JSP, JSP Standard Tag Libraries (JSTL)** using Spring Framework.
* Used **Java** Drools to develop a rule-based system for automating the complex business flow of the applications.
* Experience in using **PCF Ops Manager/BOSH to deploy and manage cloud foundry.**
* The presentation tier was developed using **JSP, JSTL, Java Script, and HTML.**
* Successfully integrated **third-party APIs, including payment gateways, social media platforms, and external services, expanding application functionality.**Worked with several Android and IOS Application Development.
* Developed the business objects using **EJB and User Interface using JSP and Servlets.**
* Used IBM Cloud Services such as **IBM Watson, IBM MQ, IBM Cloud Functions, IBM Cloud Object Storage, IBM Cloud Private, IBM Cloud Databases, and IBM** Cloud AI to enable scalable and innovative applications.
* Designed a Web Application to connect to User Pool, create users, and verify login using AWS Cognito for security.
* Experienced in integrating **IKS with other IBM** Cloud services and tools to streamline deployment workflows and enhance overall system performance.
* Created Hibernate mapping files to map with the database tables and **Java objects.**
* Worked on Pivotal Cloud Foundry (PCF), Google products, and Docker container service.

**Environment**: C, COBOL, Java, Core Java, Spring, Hibernate, Azure, JSP, Servlets, IBM WebSphere, Python, IBM Watson, IBM Cloud Functions, IBM Cloud Private, IBM FTM, IBM MQ, Pivotal Cloud Foundry (PCF), Jasper, JSTL, JSF, Eclipse, YAML, Shell, Scripting, Java Beans, HTML, IBM DB2, JavaScript, Ant, SQL, Cloud Foundry.