**Shaik Mohammad Arif Akram**

**Java Full Stack Developer**

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**Summary:**

* Having 12+ years of experience in **Object Oriented Designing**, **Developing,** **Implementation** and **testing in Client**/Servers e-business applications using **Java** & **J2EE** Technologies.
* Good exposure to all phases of **SDLC** process, including system use case, functional &amp; technical specification documentation based on business requirements.
* Profound experience in creating real time data streaming solutions using **Apache Spark /Spark Streaming**, **Kafka** and **Flume.**
* Proficient in utilizing **AngularJS** to develop dynamic and interactive user interfaces, enhancing user experience in web applications.
* Experienced in leveraging **AngularJS** to build **SPAs**, reducing page load times and improving performance for seamless navigation.
* Skilled in integrating **AngularJS frontend** with **backend** services, facilitating real-time data fetching and display, enhancing application responsiveness.
* Excellent Knowledge of **Object-Oriented Analysis** &amp; Design using **UML**.
* Expertise in **Parallel** and **Distributed Computing**, **Designing,** and **implementing complex** **algorithms**.
* Experience implementing **SOA,** **Webservice applications**.
* Experience in **Micro Services** and **Spring Boot** application development.
* Background with traditional databases such as **Oracle, SQL Server, and ETL tools / processes.**
* Experienced **in object oriented, data structures, collections framework API** for framework design in **Java** including **API development** experience.
* Along with experience in **Data Structures, Multithreading** and have worked on search techniques and **algorithms.**
* Proven track record of implementing and maintaining **APIs** for data access, ensuring secure and efficient communication between **frontend** and **backend** systems.
* Experienced with industry best practices and standards for **backend development**, including RESTful API design, authentication mechanisms, and error handling.
* Strong understanding of database technologies, **both SQL and NoSQL**, for storing and retrieving data in backend systems.
* Designed the **Warehouse Management System architecture** using microservices to ensure scalability, flexibility, and maintainability.
* Extensive experience in **backend development**, specializing in data acquisition and data collection processes to gather and process large volumes of data from various sources.
* Expertise in designing and implementing batch processing systems to handle **data ingestion, transformation, and storage efficiently**.
* Integrated with our existing **SonarQube** server, ensuring consistency between local development and the CI environment
* Experience in handling messaging services using **Apache Kafka**.
* Worked **on Data Structures, multi-threading** concepts in **Core Java**
* Using **EMR, EC2, AWS Glue, AWS Open/Elastic Search, Step Functions, Lambda, S3, CloudWatch Event bridge, Python/ Py Spark, Snowflake.**
* Excellent understanding and experience in **OOPS principles inheritance**, **encapsulation**, **polymorphism**, and **Core Java principles collections**, **multithreading**, **synchronization, exception handling** and **GU**I design using **Swings**. Experienced in developing complexity-based codes related to **data structures** and **algorithm design.**
* Along with experience in **Data Structures, Multithreading** and have worked on search techniques and **algorithms.**
* Experienced in implementing and managing **Elasticsearch** and **OpenSearch** for real-time search and analytics solutions.
* I have prioritized ensuring our web applications are accessible to all users, including those with disabilities. I have adhered to the **Web Content Accessibility Guidelines (WCAG) 2.0 and Section 508 standards.**
* Used search and **encryption algorithms** for better searching methods and security improvisation.
* **Develop AWS Lambda** based **Micro Services** interacting with **Dynamo DB &amp; SNS/SQS using AWS** **SDK.**
* Designed and developed multiple **J2EE Model 2 MVC based Web Application using J2EE Technologies, Patterns and popular open-source framework Struts, Spring MVC, spring, JPA and Hibernate**.
* Deployed **Spring Boot** based **Micro Services Docker** container using **Amazon EC2** container services and **using AWS admin console**.
* Experienced backend **ETL frameworks** and tools such as **Apache Spark, Apache Beam, Apache NiFi, and custom-built ETL pipelines** using programming languages like **Python, Java, or Scala**.
* Experience in writing test-cases in **Java environment using Junit, Mockito and Power mock, JIRA**.
* Experience in managing the build files using **ANT** and **Maven.**
* Experience in using the Log4j framework for **Logging Java Application**.
* Highly self-motivated with **strong analytical**, **communication** and **problem-solving skills**, excellent team player and ability to deliver under critical situations.
* Problem Solver **Gold Badge** Problem Solving, **Java** (**Hacker Rank**), **Silver Badge in SQL** and **Python.**
* Experience in **Data Structures**, **Algorithms** and **problem-solving Skills.**

## Technical Skills:

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| **Operating Systems:** | DOS, Windows, Unix and Linux |
| **Languages:** | C, C++, Java, SQL, HQL, PL/SQL |
| **Java/J2EE Technologies:** | Java 8 EE 4/5, Servlets, JSP, EJB, JSTL, XSLT, JDBC, JNDI, JMS, JPA, JSF |
| **Web Technologies:** | HTML, DHTML, CSS, XML, Java Script, AJAX, JSP, React JS, Jquery, Node.js, TypeScript |
| **XML/Web Services:** | AWS, XML, XSD, SOA, WSDL, SOAP, Apache Axis, DOM, SAX, JAXWS, JAXRS, XML Beans, REST |
| **Frame works:** | Jakarta Struts, Hibernate, Spring |
| **RDBMS / NoSQL:** | ORACLE 10g MS-Access, MySQL, SQL-Server, DB2, MongoDB, Kafka Web/Application Servers Apache Tomcat, JBoss, Web Sphere, Web Logic |
| **IDE's and Tools:** | Eclipse, NetBeans, WebStorm, Sublime Text, MyEclipse, RAD, WSAD |
| **Design Patterns:** | Singleton, session facade, Front Controller, MVC, DAO, MVVM. |
| **Version Controls:** | GIT, SVN, CVS |
| **Methodologies:** | Unified Modelling Language (UML), Rational Unified Process (RUP), Agile. |

**Education**

Completed a Bachelor of Technology in Computer Science from Acharya Nagarjuna University in May 2012.

**Professional Experience:**

**Client: Capital One, TX/ Jan 2023 –– Present**

**Role: Senior Full Stack Developer**

* Configured **Spark** streaming to receive real time data from **Kafka** and store the stream data to **HDFS**using **Scala**.
* Integrated **Spark** with other components of the data pipeline, such as **Kafka** and Elasticsearch, for end-to-end data processing and analytics solutions.
* Developed and maintained scalable applications using **Java** **8**, **Java** **11** features, optimizing code with Java 8 Lambda expressions.
* Utilized **AngularJS** to develop dynamic and interactive user interfaces for Capital One's banking web applications, providing a seamless user experience.
* Leveraged **AngularJS** to build single-page applications (SPAs) for Capital One's financial services, reducing page load times and enhancing performance for customers accessing banking services.
* Integrated **AngularJS** frontend with backend services to fetch and display real-time financial data, enhancing the responsiveness of Capital One's banking applications.
* **AngularJS's** modular architecture to break down applications into reusable components, facilitating code maintenance and scalability for Capital One's financial systems.
* Integrated **AngularJS** with RESTful APIs to fetch and update banking data from backend servers, enabling seamless communication between frontend and backend systems in financial operations.
* Implemented user interfaces using **JSP, JSF framework** with **AJAX**, **JavaScript**, **HTML**, **DHTML**, and **CSS** for comprehensive front-end development.
* Integrated **SonarQube** with our CI/CD pipelines to continuously monitor the quality of our codebase
* Utilized **Elasticsearch**, a distributed, RESTful search and analytics engine, for building scalable and real-time search functionality in **backend systems.**
* Designed and developed REST-based Microservices using **Spring Boot** and created a **MongoDB** (NoSQL) based external **RESTful API**.
* Implemented **ETL** processes to extract data from heterogeneous sources, transform it according to business requirements, and load it into target systems for analysis and reporting.
* Implemented and migrated components of the application from Java to **Kotlin**, taking advantage of **Kotlin's** concise syntax, null safety, and other modern language features.
* Conducted JVM heap analysis using Profiler for performance tuning and implemented application-level persistence using **Hibernate** and **Spring**.
* Spearheaded the migration of legacy monolithic applications to a **Microservices** architecture on **Azure Cloud,** resulting in improved scalability and reliability.
* utilized AWS services such as **AWS Aurora, Quick Sight, Elasticsearch,** and **OpenSearch** for backend development and data warehousing.
* Good experience working with **Amazon** **Web Services**like **EC2, S3**, Amazon Simple **DB**, Amazon **RDS**, **Amazon Elastic Load Balancing**, **AWS API Gateway**, Amazon **SQS**, **AWS Identity and access management**, **AWS Cloud Watch**, **Amazon EBS** and **Amazon Cloud Front**
* Migration With **AWS Aurora** compatibility with **MySQL** and **PostgreSQL**, allowing for easy migration and interoperability with existing database systems.
* Monitoring and managing **AWS Aurora** clusters using **AWS Management Console, AWS CLI, and CloudWatch** to ensure optimal performance and reliability.
* Worked extensively with **AWS** services such as **EKS** for container orchestration, **Amazon Aurora PostgreSQL** for database management, **and DynamoDB for scalable NoSQL** solutions. Leveraged S3 for storage, IAM for secure access management, and **Route 53 for DNS** routing. Implemented ELB for load balancing and integrated SNS and SQS for messaging and notifications.
* Utilized Managed Streaming **for Apache Kafka (MSK**) for real-time data streaming and employed Cloud Watch for comprehensive monitoring and logging. Automated infrastructure provisioning and management using **Terraform,** ensuring efficient and consistent deployments across multiple environments.
* Real time streaming the data using **Spark** with **Kafka**
* Selecting the appropriate **AWS** service based on compute, data, or security requirements.
* Designing and implementing server-side logic, including APIs, middleware, and business logic, using **Node.js** and **TypeScript**.
* Integrated **JWT with OAuth 2.0** for token-based authentication, enabling secure and scalable authorization solutions across different services and applications.
* Configured resolvers, middleware, authentication, authorization, and error handling mechanisms to ensure security, performance, and reliability of **GraphQL** endpoints.
* Designed **GraphQL** schemas and executed **GraphQL APIs**, leveraging their advantages over **REST**.
* Integrated **Elasticsearch** with backend applications to enable fast and accurate search functionality.
* Performed **GUI**, **Functional and Regression** testing by automated using **Selenium, TestNG, Maven, and Jenkins.**
* Real time streaming the data using **Spark** with **Kafka**
* Selecting the appropriate **AWS** service based on compute, data, or security requirements.

**Client: Cigna, Louisiana | Nov 2020 to Dec 2022**

**Role: Senior Full Stack Java Developer**

**Responsibilities:**

* Experience with Software Development methodologies like **Agile/Scrum** and Involved in business
* Requirements and creating the **JIRA** tickets for user stories.
* Responsible for creating efficient design and developing **User Interaction** screens using **HTML5, CSS3,**
* Configured **Spark** streaming to receive real time data from the **Kafka** and store the stream data to **HDFS**using **Scala**.
* Performed **GUI**, **Functional and Regression** testing by automated using **Selenium, TestNG, Maven, and Jenkins.**
* Used **AngularJS** to develop patient portals and healthcare management applications for Cigna Health, providing users with intuitive interfaces to access their medical information and interact with healthcare providers in insurance and healthcare settings.
* Implemented form validation and error handling using **AngularJS**, enhancing data accuracy and user experience in Cigna Health's insurance web forms for policy management and claims processing.
* Developed single-page mobile applications (SPAs) for **iOS and Android** platforms using **AngularJS and React Native,** providing a consistent user experience across different mobile devices for Cigna Health's customers in healthcare and insurance fields.
* Conducted **GUI,** functional, and regression testing for **AngularJS** components using automated testing tools like **Selenium and TestNG**, ensuring the reliability and stability of Cigna Health's healthcare applications.
* Optimized the performance of **AngularJS** applications by implementing best practices and performance tuning techniques, ensuring fast load times and responsiveness for Cigna Health's users in insurance and healthcare services.
* Implemented responsive design principles with **AngularJS** to ensure that Cigna Health's applications are accessible and usable across various devices and screen sizes in healthcare and insurance sectors.
* Developed Single Page mobile applications (SPAs) for IOS and Android platforms using React Native**.**
* Implemented **Elasticsearch** clusters to index, search, and analyze large volumes of structured and unstructured data efficiently**.**
* Implemented **TypeScript** reusable components and services for consuming .
* Real time streaming the data using **Spark** with **Kafka**
* Implemented backend development using **Node.js** and **TypeScript** to build robust, scalable, and efficient server-side applications.
* Integrated **Terraform** with CI/CD pipelines to automate the deployment and update of infrastructure
* Designed and managed complex multi-tier infrastructures using **Terraform,** including the configuration of AWS services such as **EC2, S3, RDS, and VPCs.**
* Utilized **Splunk** to track the health and performance of microservices in a Kubernetes environment, providing insights into container logs and orchestration events.
* Conducted performance tuning and optimization of Medicare-related processes and workflows to meet stringent SLAs (Service Level Agreements) and performance targets.
* Monitoring and managing **AWS Aurora** clusters using **AWS Management Console, AWS CLI, and CloudWatch** to ensure optimal performance and reliability.
* Implemented backup and restore strategies for **AWS Aurora** databases, including automated snapshots and point-in-time recovery.
* Integrated AWS Aurora with other AWS services, such as **AWS API Gateway**, **AWS Lambda, Amazon S3, and AWS Glue**, to build comprehensive and scalable cloud-native applications.
* Skilled in integrating databases, caching layers, and other backend services seamlessly into **Node.js** applications to enhance functionality and performance.
* Development of the company's business processes including **logistics, production** control.
* Working with development team in planning and Executing production releases / software upgrades on weekdays and on weekends for **Cash Equities** and Derivatives production environment.
* Created User Controls and simple animations using **Java Script** and **Python**.
* Design and implementation of **algorithms.**
* Designed and implemented **GraphQL** **APIs** to efficiently fetch and update data for the healthcare application.
* Provided support for health insurance-specific functionalities such as claims processing, member enrollment, and provider management.
* Implemented **GraphQL** schema stitching or federation techniques to compose distributed schemas and integrate data from multiple sources into a unified **GraphQL** API.
* Conversion of algorithms written in C to **Java**.
* Configured**Kafka** to read and write messages from external programs.
* Configured **Kafka** to handle real time data.
* Hands on experience in deployment of **J2EE applications on JBoss**, **Tomcat, IBM Web Sphere and Web logic Application Servers.**
* Integrated **OAuth** **2.0** with existing authentication systems, enabling **single sign-on (SSO)** capabilities and enhancing user convenience and security across multiple applications
* Provided training and support to internal teams on health insurance-specific features and functionalities, empowering them to effectively utilize the implemented solutions.
* Experience in **Quality Assurance Life Cycle (QALC)** aspects such as developing **Test Strategies, Test Plans, Test Cases (Manual/Automated), Defect Reports and developing Test Scripts.**
* Used **Spring Boot** which is radically faster in building **cloud Micro-Services** and develop **Spring** based application with very less configuration.
* Developed **page layouts**, **navigation** and **presented designs** and concepts to the clients and the management to review.
* Involved with set up of **CI/CD** and daily builds using **Jenkins** with **antifactory repository manager.**
* Understood complex **data structures** of different type structured, **semi structured** and **de-normalizing** for storage in **Hadoop**.
* Conducted thorough testing and validation of system changes and enhancements to ensure accuracy and reliability in health insurance-related processes.
* Developed end to end data processing pipelines that begin with receiving data using distributed messaging systems **Kafka** through persistence of data into **HBase**.
* In-depth understanding of **Data Structures and Algorithms.**
* Used **Vtune** performance analyzer for **testing performance of algorithms.**
* Developed Medicaid-specific decision support tools to assist healthcare providers in navigating complex Medicaid reimbursement rules and regulations.
* Analyzing the performance of **algorithms in Parallel** and **Distributed Environment.**
* Implemented the above **algorithm**s in **Parallel** and **Distributed Environment.**
* Involved in **Performance Analysis** of these **algorithms** on various **architectures**.
* Optimizing the **Algorithms** using **Intel SIMD**, **UMS** **Special Instructions** for faster performance.
* Used **Jenkins** for **enterprise** **scale infrastructure configuration** and application deployments into artifactory.
* **Automated Test cases in TDD (Test   Driven Development)** and   **BDD (Behavior Driven Development).**
* Incorporated and utilized **JavaScript Unit Testing framework (Jasmine).**
* Handled response data from **RESTFUL web services using XML, SOAP and JSON to update UI.**
* Used Spring Core Annotations for **Dependency Injection Spring DI** and **Spring MVC** for **REST API** and **Spring Boot** for **Micro Services**.
* Experience in implementing server-side technologies with restful API and MVC design patterns with NodeJS and Django framework.
* Used **Spring Boot** which is radically faster in building **cloud Micro-Services** and develop Spring based application with very less configuration.
* Having good experience on EDI Transactions.

Having experience in .net.

* Good Exposure in using the **IDE tools** like **Eclipse, Web Storm and Sublime Text**
* Supported tactical and strategic goals of the IT Production Support Team.

**Environment:** Java Spring, Data structures, Nexus, J2EE, Hibernate JPA, AWS, Web pack, Babel, Html5, Java script, ECMAScript 6, Java 8, Restful web services, Oracle11g, SQL, PL/SQL, SOLR, Jersey API, log4j, Web Logic, Tomcat8.5, Eclipse, Kafka, Micro Services, Spring Boot, Web Storm, Node.js, GIT-hub, Maven, C#,Unix/Linux and Shell Scripting.

**Client: NCR, Atlanta. / Aug 2018 to Oct 2020**

**Role: Lead Full Stack Developer**

**Responsibilities:**

* Involved in various meetings with Business analysts and developers.
* Developed Agent Portal with **HTML5, CSS, LESS, JSON, AJAX** and **React JS** for developing **user interface** and **server-side technology with Node JS.**
* Conducted **Functional testing, Regression Testing using selenium** with **Data-driven** **framework** and **Key- Word driven framework.**
* Worked on Guidewire & **Data hub** and Info center solutions for Commercial Lines **Transformation.**
* Designed and developed **Micro Services** business components using **Spring** for different policies.
* Involved in the development of **Micro Services** for all the models using combination of **Spring Boot** and **Spring Security.**
* Employed various styling technologies like SASS, Native Base, Inline JSX styles, CSS, Styled Components, Styles-JSX, React Native Web, Material-UI, Grommet, and Bootstrap.
* Implemented authentication features like Finger Print Scanner and Face Scanner in Android and IOS applications built with React Native.
* Had knowledge on **Kibana** and **Elastic search** to identify the **Kafka** message failure scenarios.
* Implemented to reprocess the failure messages in **Kafka** using offset id.
* Implemented **Kafka** producer and consumer applications on **Kafka cluster** setup with help of **Zookeeper**.
* Used **Spring Kafka API** calls to process the messages smoothly on **Kafka** Cluster setup.
* Involved in multi-tiered **J2EE design** utilizing **Spring Inversion of Control (IOC)** and **Hibernate.**
* Build the application based on new features of **JDK 1.8** at service layer level.
* Designed **MVC** architecture and Front control design pattern using **Spring MVC Framework** for Presentation tier and I have written code for the using **Spring MVC Framework** for **Presentation layer** and **spring dependency injection**
* Deployed **GoLang** applications in containerized environments using **Docker and Kubernetes**, leveraged **Go's lightweight footprint** and performance characteristics for efficient resource utilization.
* Implemented concurrent processing tasks using **GoLang's** concurrency primitives, such as goroutines and channels, to improve application performance and responsiveness.
* Developed command-line tools and utilities in **GoLang** for automation and scripting purposes, taking advantage of its simplicity and ease of use for building robust command-line applications.
* Utilized **GoLang's** built-in testing framework to write unit tests and integration tests, ensuring the reliability and stability of the codebase throughout the development lifecycle
* Monitoring and managing **AWS Aurora** clusters using **AWS Management Console, AWS CLI, and CloudWatch** to ensure optimal performance and reliability.
* Implemented backup and restore strategies for **AWS Aurora** databases, including automated snapshots and point-in-time recovery.
* Integrated AWS Aurora with other AWS services, such as **AWS API Gateway**, **AWS Lambda, Amazon S3, and AWS Glue**, to build comprehensive and scalable cloud-native applications.
* **Had knowledge on EDI Transactions .**
* Used **spring framework** for **Dependency Injection** and integrated with **Hibernate**.
* Primarily focused on the spring components such as **Dispatcher servlets, Controller s, Model** and **View Objects, View Resolver.**
* Leveraged **Splunk** for security monitoring and incident response. Created searches and alerts to detect suspicious activities, such as unauthorized access attempts, unusual login patterns, and data exfiltration.
* Involved in developing **Spring Beans** and wiring their dependencies
* Worked on **Java 8** Streams and on **lambda** expressions.
* Used **Jenkins** to execute the test scripts periodically on **Selenium** **Grid** for different platforms like desktop, tablet and mobile.
* Performed Cross browser testing and Parallel testing on Chrome, Firefox and Safari using **TestNG** and **Maven** on **Selenium grid.**
* Implemented **OAuth 2.0** protocols to provide secure, delegated access to server resources, enabling users to authorize third-party applications without sharing their credentials.
* **Experienced in working with .net**
* **Used Node.js Bower for UI Dependency management. Worked on bower. json and bower rc files.**

Experience on deploying applications to Azure cloud environment and checking the logs

* Used **AWS** to deploy the project on **EC2** instance. Implementation of the Business logic layer for Services.
* As Test Automation Engineer driving towards the quality and effectiveness of Digital Product **EASE Web Plat form.**
* Thorough experience in implementing Automation Tools **Selenium WebDriver, JUnit, TestNG, Eclipse, Git/GitHub, Jenkins, SOAP UI and REST with POSTMAN.**
* Used runner classes in **cucumber** to generate step definition and used tags to run different kinds of test suites like smoke, health check and regression.
* Created profiles in **Maven** to launch specific **TestNG** suite from **Jenkins** job
* Expertise in designing and developing Web-centric applications using HTML5, CSS3, Java Applets, JavaScript, **XML, JSON, Ajax, jQuery, Bootstrap, NodeJS, ReactJS**, Tag Libraries, Google Web Toolkit (GWT) and Custom Tags.
* Implemented **SOAP** **UI** tool to test **SOAP** based architecture application to test **SOAP services**
* Involved closely with developers in Development of **UI modules** using **HTML, JSP, JavaScript and CSS**.

**Environment:** Selenium, DevOps, AWS, Kafka, Java, Java Script, Jenkins, Git, GitHub, SOAP, REST, SOAP POSTMAN, Android, Mobile, iOS, Cucumber, BDD, Agile, Oracle 10g, putty, MS word, MS XL, Quality center, c#, WebDriver, TestNG, MAVEN, Guidewire.

**Client: State of NC, NC / June 2016 to July 2018**

**Role: Full Stack Developer**

**Responsibilities:**

* Designed and coded application components in an **Agile/TDD** environment utilizing a test-driven development and **SDET** approach and pair-programming.
* Developed the application using spring framework that leverages model view layer architecture, also configured Dependency Injection.
* Used **Hibernate** **ORM tools** which automate the mapping between **SQL databases** and objects in **Java**.
* Extensively used **Hibernate** in data access layer to access and update information in the **database.**
* Design of **GUI** using Model View **Architecture STRUTS Framework.**
* Integrated **Spring DAO** for data access using **Hibernate.**
* **Having good experience in** Adobe.
* Created **Hibernate** mapping files to **map POJO to DB tables**
* Involved in the Development of **Spring Framework Controllers**
* Developing application using spring core module and POJO&#39; using Eclipse and worked on Messaging service.
* Designed and developed the **XSD for WSDL.**
* Deployed code in **Apache Tomcat and Web logic serve**
* Developed user interface using **JSP, JSP Tag libraries JSTL, HTML5, CSS, and JavaScript** to simplify the complexities of the application.
* Built Micro Services using **Spring Boot** with **CI/CD** using **Docker** and **Jenkins**.
* Provided **LDAP** security for the application.
* Used **JSON objects, ECMAScript6, Typescript, JavaScript, and Bootstrap** intensively to create interactive web pages.
* Worked on EDI Transactions .
* Develop AWS Lambda based **Micro Services** interacting with **Dynamo DB &amp; SNS/SQS using AWS SDK.**
* Currently working on fitness tool which aids in **Test Driven Development (TDD).**
* Used JMS for the asynchronous exchange of critical business data and events among
* J2EE components and legacy system. Configured **Kafka message source with Spring XD.**
* Involved in multi-tiered **J2EE design** utilizing **Spring Inversion of Control (IOC)** and **hibernate.**

**Environment:** Java 8, J2EE, JSP 2.0, PL/SQL, Spring 2.0, EJB 2.0, JMS, JNDI, Oracle, XML, DOM, SOAP, Junit, Apache Camel, Web Sphere 8.5, Hibernate 3.0, Micro Services, AWS, JDBC, Kafka, TDD, BDD, MS SQL Server 2012, JESS, RESTful Web service, Web logic 8, JBoss Drools, Azure,SOA Design Patterns, Cassandra, LDAP, NOSQL, Hadoop

**Client: Healthcare Resources Online, Englishtown, NJ. / Oct 2013 to May 2016**

**Role: Java Developer**

**Responsibilities:**

* Involved in developing Webservice operations in **Service Oriented Architecture (SOA).**
* Analyze requirements with team; write **High Level design documents, System Use Case, analyses risk factors.**
* Followed **agile methodology** during complete **SDLC process.**
* Participated **Agile/Scrum** development and **deployment teams**
* Used **Spring** **Framework 4.1** for the application development.
* Created custom analytics framework to gather useful user behavior data using **Mongo DB**
* Involved in front end development using **Struts, JSP&#39, JSTL.**
* Used **JAXB** for **marshalling** and **unmarshalling of work order, billing XML documents, and JAXP for processing.**
* Utilized Medicare-specific coding standards and protocols such as HCPCS (Healthcare Common Procedure Coding System) and CPT (Current Procedural Terminology) to accurately represent medical procedures and services in claims processing.
* Developed Medicaid reporting and analytics dashboards to provide insights into population health trends, healthcare utilization patterns, and program outcomes.
* Worked with React JS to build bootstrap components for **UI web objects.** Linked with **API** data to view render virtual **DOM dynamically.**
* Conducted thorough testing and validation of Medicaid workflows and processes to ensure compliance with federal and state regulations, including HIPAA and Medicaid program integrity requirements.
* Integrated Medicaid prior authorization workflows into the client's systems, facilitating timely approval of services and treatments for Medicaid beneficiaries.
* Worked on project to retrieve log messages procured from **Kafka** by **leveraging** **Spark Streaming**
* Used Fitness for **Integration testing.**
* Used **log4j for logging errors, info, and exceptions.**

Implemented modules into **NodeJS** to integrate with designs and requirements and used **NodeJS** Express Framework.

**Environment:** JDK 1.8, Spring 4.1(DI, MVC, Tran Management, Integration, JavaScript, DOCKER, JDBC, React Js, AOP, REST, PL/SQL, Transaction Management), Hibernate 4.0, JAX-RS Web services, Maven, BDD, Jenkins, TCP Mon, Sun Jersey, Swagger, Junit 4.1, Selenium, JIRA, Rally, Free marker, Apache POI, Quartz Scheduler, Groovy, TCP Mon, Mockito, DB Unit, Dynatrace, Cucumber, JAAS.

**Client: Zensar Technologies, Pune, India. / Jul 2012 to Sep 2013**

**Role: Java Developer**

**Responsibilities:**

* Involved in database modelling applying the normalization rules
* Developed Code using **Strut’s framework,** based on the **MVC design pattern**
* Utilized the, factory, service, and filters. Created number of custom directives to reuse them across the controller.
* Worked on backend logic using **Servlets, EJB, Hibernate and JDBC.**
* Developed page **specific elements, handlers, web beans, view helper classes, JSP pages &amp; fragments** by using design patterns and **Java** standards. Validating the Application by **Deploying** and testing **on JBoss Server.**
* Developed **Micro Services using Spring MVC, Spring Boot, Spring Cloud, Spring AOP and Dependency Injection and JPA. Used JDBC Connection, Statement to retrieve Data from RDBMS.**
* Developed dynamic pages for generating a report for displaying the existing business rules based on a search criterion to be reviewed by the **CNA** internally
* Involved in debugging the product using **JIRA Bug Tracking**
* Involved in developing the **UI** pages using **HTML5, CSS3, JavaScript, JSON, jQuery and AJAX.**
* Developed servlets for **generating reports** in **PDF format.**
* Implemented multiple high-performance **Mongo DB** replica sets on **EC2** with robust reliability.
* Implemented logging using **log4j.**
* Deployed the application in **JBOSS Application Server.**
* Developed Servlets and Worked extensively on **My SQL.**
* Worked with **MySQL for SQL log** and **Workbench.**
* Written **jQuery** Validations for the User Frontends.
* Maintenance of data in different **Oracle Database** and environments using **TOAD.**

**Environment:** Windows XP/2000, Java 1.3, J2EE, Struts 1.1, EJB 2.0, Servlets, Session Beans, Ant,

JavaScript 1.3, Azure,JSPs, HTML5, CSS3, jQuery, JSON, Oracle 8i, Ajax, Mongo DB, Soap, Toad, Eclipse 3.1, Web Sphere Application Server 5.1, Web logic, Apache CXF, MySQL, XSLT, Junit, Log4j, Rational Clear case, Clear Quest. Selenium