HARSHA

**Full Stack Java Developer**

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**PROFESSIONAL SUMMARY:**

**10+ years of proven experience as a Java Full Stack Developer,** I possess adeptness in managing the entire lifecycle of web-based enterprise business applications. This encompasses activities from initial analysis and design through development, implementation, and rigorous testing.

* **Proficient in leveraging Java8/11 features,** including Functional Interfaces, Stream API, Time API, Transaction Management, Exception Handling, Collection API, and Lambda Expressions.
* **Extensive hands-on experience with core Java concepts,** including Multi-Threading, Inheritance, Abstraction, Encapsulation, Polymorphism, Exception handling, and Collections Framework.
* **Experience in working with a wide range of application architectures,** including Monolithic, Service-Oriented Architecture, Microservices, N-tier, and Event-driven systems.
* **Proficient in writing clean, efficient, and maintainable Python code** for various applications, including web development, data analysis, and automation.
* **Experience in Agile (SCRUM) and Test-Driven Development (TDD)** using Java and testing frameworks like Mockito, Power Mock, Easy Mock, and Spring JUnit Runner.
* Managed end-to-end processing of **medical insurance claims,** ensuring compliance with regulatory and client requirements.
* Developed and maintained unit tests for **Guidewire** customizations using JUnit and Mockito, adhering to Test-Driven Development (TDD) practices to maintain high code quality.
* **In-depth knowledge of various databases,** including PostgreSQL, MySQL, DB2, Oracle 13c/11g, Microsoft SQL Server, and NoSQL DB (Raven DB, Mongo DB, Cassandra, Couch DB, Redis, Dynamo DB).
* **Proficient in writing stored procedures, functions, and triggers** using PL/SQL in JDBC, ODBC, and WebLogic.
* **Designed and implemented scalable component-based architecture using React.js,** promoting reusability and maintainability.
* **Designed and implemented IaC solutions using Terraform** for scalable and version-controlled infrastructure deployments.
* **Expertise in build/deploy tools such as Jenkins, Docker, and OpenShift** for CI/CD for Microservices.
* **Proficient in implementing GraphQL APIs in Java-based full-stack applications,** enabling efficient data retrieval and manipulation.
* Analyzed claims data to identify discrepancies and resolved issues to facilitate accurate and timely settlements.
* **Designed and implemented CI/CD pipelines** using tools like Jenkins, GitLab CI, and Docker, ensuring rapid and reliable delivery of software releases.
* **Experience with data caching services (Redis, Elastic Search),** database schema design, and data access technologies.
* **Integrated GCP products,** including Dataflow, BigQuery, and Cloud Storage, to build a unified data ecosystem, streamlining data management and reducing operational costs.
* **Designed and executed complex SQL** queries in BigQuery, facilitating data-driven insights that drove key business strategies and improved efficiency by 20%.
* **Knowledge and experience working with various data sources** like web services (REST, SOAP), unstructured data files, flat files, message queues, XML-based events, and databases.
* **Experienced in creating and managing email marketing campaigns** using HubSpot Email Marketing tools.
* **Experience working in Agile (Scrum) methodologies,** test-driven development, continuous integration (Jenkins/Hudson), and version control (SVN, GIT).
* **Proficient in deploying and managing applications on Pivotal Cloud Foundry (PCF),** a cloud-native platform for deploying, scaling, and managing applications.
* **Successful track record in executing large enterprise business modernization projects,** meeting client expectations, and creating new opportunities through IBM & Open-source SOA + Web 2.0 Platform.
* **Integrated automated testing** and code quality checks into CI/CD pipelines, resulting in a 30% reduction in production defects.
* **Developed and deployed machine learning models** on AI Platform, enabling predictive analytics that enhanced decision-making processes by 25%.
* **Well-versed in workflows and Unified Modeling Language (UML) diagrams,** encompassing Use Cases, Activity Charts, Sequence Diagrams, Data Flow Diagrams, and ER Diagrams. Proficient in J2EE, Web services, Scala, and Spring Boot, utilizing tools such as Rational Rose and MS Visio for design and documentation.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Programming Languages** | Java, C++, PL/SQL, JavaScript,  |
| **Web Technologies** | HTML5, CSS3, AJAX, JSON, Bootstrap, jQuery, Angular 12.x/8.0 React JS with Flux, Redux, Ember JS, Knockout JS, BackBone JS, Handlebar JS, vue.js, NodeJS, Express JS, Hapi JS |
| **J2EE Technologies & frameworks** | Servlets, EJB, JSP, JSF, JDBC, SOAP, WSDL, REST, XML, JAXP, JAXB, JPA, JMS, Spring 3.x/4.x/5.x, Hibernate, Spring MVC, Spring Boot, Spring Data, Spring Batch, Spring cloud, Dump Analysis. |
| **Databases** | Oracle 8i/9i/10g/11i, DB2, SQL Server 2000/2005/2008, MYSQL, MongoDB, Raven DB, Cassandra |
| **Application/Web Servers** | Oracle Web logic, IBM Web Sphere, JBoss, Glassfish, Apache Tomcat |
| **Messaging Services** | JMS, Active MQ, Rabbit MQ, IBM MQ, Apache Kafka |
| **Web Service Framework** | JAX-RS, JAX-WS, Axis, Jersey |
| **Testing Tools** | Junit, TestNG, Mockito, Jasmine, Karma, Mocha, Chai, Spock, Protractor |
| **Version Control Tools** | GIT, SVN, CVS, Bitbucket, TFS |
| **Cloud Technologies & DevOps Tools** | Google Cloud Factor, AVM, ACI, Azure Monitor Docker, ECS, EBS, EKS, SQS, RDS, S3, Glacier, Lambda, Kubernetes |
| **Operating System** | Windows, Linux, Unix, MAC-OS 10.13.2 |
| **IDE’s** | Eclipse, Visual Studio, IntelliJ, Spring Tool Suite, Sublime Text, WinSCP, Putty |

**EDUCATION:**

* **Wichita State University |** *Master of Science in Computer Science | Aug 2012 – Dec 2013*
* **Lovely Professional University |** *Bachelor of Technology in Electronics and communication Engineering | May2012*

**PROFESSIONAL EXPERIENCE:**

**Professional Experience:**

**Client: Verizon, Irving, TX Feb 2024 – Till Date**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Experienced in all phases of the **Software Development Life Cycle (SDLC),** leveraging Agile Methodology (SCRUM) for the creation of an Immunization Registry Web Application.
* Developed dynamic user interfaces and application modules using **Angular 14, HTML5, CSS, Vue.js, JavaScript**, and Servlets, ensuring cross-browser compatibility and responsiveness.
* Utilized **Java 8/11 features,** including Lambda expressions, Stream API, and functional programming, to enhance code efficiency and performance. Implemented Microservices architecture using **Spring Boot** and **Hibernate ORM**.
* Designed and implemented **RESTful APIs** using Spring Boot, integrating Spring MVC, Hibernate, and JUnit for robust application development and testing.
* Configured and optimized **Kafka** brokers and **MQ channels,** significantly reducing message latency and improving ec2throughput by 25%.
* Prepared detailed reports and dashboards to monitor claim trends and performance metrics, leveraging tools like Power BI for visual analytics.
* Designed and implemented microservices using **Kotlin** with Spring Boot, improving performance and scalability.
* Developed real-time data streaming applications using **Kafka** **Streams** and **Kafka Connect** for seamless data integration and processing.
* Developed automated testing suites using testing frameworks like Mocha and Chai for **Node.js** applications, ensuring high code quality and reliability.
* **Developed scalable single-page applications (SPAs)** using **Vue.js**, implementing reusable components and optimizing performance for high-traffic environments.
* Collaborated in deploying and managing Guidewire applications on **Guidewire** Cloud, leveraging cloud-native technologies and DevOps practices to ensure high availability and scalability.
* Developed and executed **JUnit** test cases using the Mockito framework to ensure code reliability and correctness.
* Created a streamlined build environment for **Java** applications using Git for version control and Maven for dependency management.
* Implemented Cluster Autoscaler in **Kubernetes** to dynamically adjust cluster size based on workload, optimizing resource utilization.
* Conducted thorough unit testing with **Karma (Jasmine)** for Angular components and Selenium for end-to-end testing, ensuring application stability and performance.
* Deployed **Spring Boot** microservices using **Jenkins**, adhering to **CI/CD** best practices to achieve seamless integration and delivery.
* Utilized **Node.js** middleware for authentication and authorization, enhancing security and user management in applications.
* Managed **DNS** records and **SSL** certificates in **Kubernetes** clusters using External **DNS** and cert-manager, ensuring secure and reliable connections.
* **Expert in Vue CLI and Vuex** for state management, ensuring efficient handling of complex application states and smooth user interactions.
* **Applied SRE principles** to maintain system reliability, performance, and availability, achieving 99.99% uptime for mission-critical applications.
* Utilized **Git** for source code version control and **Maven** for efficient dependency management in Java projects.
* Provided technical support for production environments**,** resolving issues promptly, analyzing defects, and implementing effective solutions.
* Implemented version control and issue tracking **systems** using **GIT** and **JIRA**, ensuring efficient project management and collaboration.
* **Environment:** Java 1.8, Maven, Hibernate, Spring Boot, Angular 14, Typescript, JavaScript, YAML, HTML5, CSS3, Bootstrap, Node JS, Kafka, Rabbit MQ, Hibernate ORM, Microservices, Spring MVC, PostgreSQL, MongoDB, Oracle DB, Karma, JUnit, Mockito, Docker, Jenkins, AWS (VPC, ALB, ELB, ECS, EC2, S3, Glacier, Lambda), Kubernetes, Cloud Watch, Artifactory, Selenium, JIRA, GitHub, Postman, UNIX Scripting

# Client: - US Bank, Frisco, TX Jan 2022 to Jan 2024

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

# Responsibilities:

* Spearheaded software development using Agile methodology, emphasizing short sprints and iterative processes, while harnessing **Java 11** and **JEE** components to craft applications aligned with user stories.
* Created dynamic user interfaces leveraging a plethora of technologies including **JSP, jQuery, HTML5, CSS3, JavaScript**, **Angular 8/9, AJAX, NodeJS, vue.js** and **Bootstrap.**
* Conducted a thorough analysis of the existing **MTS** infrastructure and identified key areas for improvement.
* Strong understanding of **React** concepts like components, props, state, and lifecycle methods.
* leveraged **Spring Boot** to develop and deploy both **RESTful** web services and **MVC** applications, ensuring efficient and scalable solutions.
* Successfully migrated several critical modules from Java to **Kotlin**, resulting in improved code readability and reduced boilerplate.
* Optimized the use of AI Platform’s hyperparameter tuning and model versioning, improving the accuracy of predictive models by 15%.
* Designed and developed **RESTful** microservices using Dropwizard, ensuring efficient and scalable application architecture.
* experience in creating and managing projects, boards, and workflows in **Jira** to streamline development processes.
* Optimized **Guidewire** application performance by refactoring Java code, fine-tuning SQL queries, and implementing caching mechanisms, leading to a 30% reduction in response times.
* Deployed and monitored **Java EE** applications on **WebSphere**, optimizing server configurations to meet performance and scalability requirements.
* Built APIs in **Kotlin** for frontend applications developed with Angular and React, ensuring seamless integration and communication between services.
* Integrated **RESTful APIs** and **GraphQL** endpoints with **ReactJS** components, ensuring efficient data fetching, caching, and error handling.
* Implemented **SOAP**-based web services for seamless data exchange with diverse applications via **SOAP** messages.
* Integrated WebSphere with other middleware components such as IBM MQ, enabling seamless communication and data exchange between applications.
* Participated in configuring routing using **Angular 14** router for various views and sub-views, ensuring smooth navigation within the application.
* Optimized front-end performance by employing techniques such as lazy loading, code splitting, and minimizing DOM manipulations with **JavaScript.**
* Developed reusable **Terraform** modules to standardize infrastructure components, promoting code reusability and maintainability.
* Applied **React** animations and transitions using libraries like Framer Motion and **React** Spring for smooth and visually appealing UI effects.
* **Utilized Vue Router** for building seamless navigation in web applications with nested routes, dynamic routing, and lazy-loading components.
* **Automated monitoring and alerting** systems using **Prometheus, Grafana,** and **ELK** stack, reducing mean time to recovery (MTTR) by 40%.
* Configured **Kubernetes** Services and Ingress Controllers for service discovery and load balancing of application traffic.
* Developed and maintained **WebSphere** scripts for automation of deployment, configuration, and monitoring tasks, improving operational efficiency.
* Demonstrated proficiency in various Spring modules including **Spring WebFlux**, **Spring Boot,** **Spring Data, and Spring Security,** enhancing application robustness and security.
* Developed frontend screens using **Angular 14**and integrated various predefined components from **NPM**, employing Node Cron package for scheduling periodic jobs.
* Skilled in debugging and troubleshooting **NgRx** applications, utilizing developer tools like Redux DevTools and NgRx DevTools to inspect state changes, action dispatches, and effect executions.
* Developed and maintained integration solutions with **ACI** payment systems, ensuring secure and efficient processing of electronic payments.
* Designed and developed end-to-end application components, encompassing business layer, **persistence layer**, and database and web services layers, ensuring comprehensive functionality.
* Implemented **SQL** hints and indexes to optimize **SQL** performance, enhancing database query efficiency.
* Implemented dynamic and complex forms using libraries like Formik and **ReactJS** Hook Form, ensuring robust form validation and state management.
* Diagnosed and resolved performance issues in **WebSphere** environments, using tools like Tivoli Performance Viewer and logs for root cause analysis.
* **Proficient in integrating Vue.js with RESTful APIs and GraphQL** for efficient client-server communication and data binding, improving overall user experience.
* Created real-time applications with **React** using WebSockets and **REST APIs** to provide instant data updates to users.
* Utilized **Jenkins** for continuous integration, automating testing processes and ensuring code quality before deployment.
* Optimized **ACI** systems for high-volume transaction processing, ensuring low latency and high availability.
* Developed enterprise services test automation scripts using **SOAPUI**, facilitating efficient and comprehensive testing.
* Stay up to date with the latest developments in **DynamoDB** and **NoSQL** database technologies, continuously seeking opportunities to enhance skills and contribute to innovative solutions.
* utilized **Groovy** for building test automation frameworks, writing unit tests, and performing integration testing, improving software quality and reliability.

proficient in SQL, with specific expertise in **PostgreSQL**, a powerful open-source relational database management system.

**Environment:** Java 11, Angular 14, Spring Boot, Microservices, hibernate 4.3, EJB, Oracle SQL developer, Azure, HTML5, CSS3, Node JS, Mockito, Postman, OAuth2, Vue.js Bootstrap, AJAX, JavaScript, RabbitMQ, Soap UI 4.3, WebLogic Server 12.2.1, Soap web service (JAX-WS), API Gateway, Restful web services (JAX-RS), Jenkins, log4j, XML, JUnit, and Agile.

# Client: - Point 32 Health, St Louis, MO Jan 2020 to Dec 2021

**Role: - Full Stack Java Developer Responsibilities: -**

* Demonstrated proficiency in Agile Software Development Methodology, actively participating in scrum activities and daily meetings to develop applications iteratively and incrementally.
* Developed user interface using **JSP**, **jQuery**, **HTML5**, **CSS3**, **JavaScript**, **Angular 8/9**, **AJAX** and **Node JS**, **Vue.js**
* Created **Typescript** reusable components and services to consume **REST API's** using Component-based architecture provided by **Angular 7/9**.
* Understanding of **React** ecosystem and ability to quickly learn and adapt to new technologies and libraries.
* Designed and developed the application using **agile** methodology and followed **Test driven Development (TDD)**.
* Skilled in creating and prioritizing user stories, tasks, bugs, and other issue types within **Jira** to facilitate team collaboration and progress tracking.
* Have knowledge about **Scala** and alternate **JVM** application developing environments like **Java 8** and **Kotlin**.
* **Led incident management** processes, including root cause analysis (RCA) and post-mortem reviews, to drive continuous improvement in system resilience.
* Used **Angular 7** to create views to hook up models to the **DOM** and synchronize data with server as **SPA**.
* **Integrated SQS and SNS** into microservices architecture to enable asynchronous communication, improving system decoupling and reliability.
* Managed **Linux** servers (RHEL, CentOS, Ubuntu) for enterprise applications, ensuring system stability, security, and performance.
* Designed and implemented containerized applications using **Docker**, streamlining the development and deployment process across different environments.
* Leveraged **Dropwizard’s** lightweight framework to create high-performance web services with minimal configuration overhead.
* **Handled sensitive PII data** with strict adherence to data privacy regulations, incorporating best practices for data masking and encryption.
* Migration of Databases and **schemas** across multiple platforms of **Windows** to **Linux**, **Oracle 10g to 11g**,
* Implemented security best practices, including user and group management, firewall configuration, and regular system updates, to safeguard **Linux** environments.
* Developed scalable and high-performance applications by leveraging **Cosmos DB's** globally distributed architecture and 's infrastructure.
* Used **Spring Boot** to develop and deploy both **RESTful web services** and **MVC applications**.
* Used **Hibernate** in data access layer to access and update information in the database and used **Hibernate Query Language (HQL)** to query the database for complex data.
* Implemented security best practices in **Kubernetes**, including role-based access control (RBAC), network policies, and pod security policies to protect sensitive data.
* Generated **Java APIs** for retrieval and analysis on **NoSQL** database such as **HBase** and **Cassandra** and worked with **NoSQL** **databases** like **Cassandra** and **MongoDB** for POC purpose.
* Implemented **Angular 9** services to connect the web application to **back-end** **APIs** to **POST/GET** the data used in the application.
* leveraged **Terraform** to orchestrate the deployment of microservices-based architectures in Java full-stack applications.
* Skilled in modern **JavaScript** **ES6**+ features and best practices, enhancing productivity and code quality in **React** development.
* Led the migration of legacy data to **Guidewire** systems, designing and implementing custom ETL processes with Java and SQL to ensure data accuracy and integrity.
* Implemented CI/CD pipelines using **GitHub Actions** to automate build, test, and deployment processes, improving development efficiency, and reducing errors.
* Worked extensively on developing **controllers**, **Interfaces** and implementation classes using **Spring MVC** framework & used **Microservice** **architecture** with **Spring Boot** based service through **REST**.
* Developed **Restful services** using **Rest Template** and **Microservices** using **Spring Boot**.
* Used **Spring** **Kafka API** calls to process the messages smoothly on **Kafka Cluster** setup, used the **Rabbit MQ** as well.
* Designed and developed RESTful and SOAP APIs using **MuleSoft** Any point Platform, enabling seamless integration between disparate systems.
* **In-depth knowledge of Vue 3 Composition API** for managing complex state and lifecycle methods, leading to better code organization and flexibility.
* Used **Spring-boot- starter-parent** as the parent **POM** and inheriting sensible default settings from **Spring Boot** and the **spring-data- MongoDB** dependency provides integration with the **MongoDB**.
* **Led the design and implementation** of distributed database systems using Cassandra and Couchbase, achieving high availability and scalability for large-scale applications.
* Implemented **address verification API** to leverage business driving application.
* **Hibernate** was used for **mapping**, **Servlets**, **Spring MVC** were used for **Model**, **Control** and **View**.
* Configured bamboo automating the **builds** into **Gradle** archive **repository**.
* Expert in writing clean, efficient, and maintainable **Python** code, utilizing core language features and standard libraries.
* **Managed SOX compliance** by implementing robust controls and audit trails for financial systems, contributing to successful internal and external audits.
* experience in working with **PostgreSQL** in various development environments and platforms, including **Linux, Windows**, and cloud services like GCP.
* Wrote **SQL queries** for **database** creation and modification. Used Redis as cache management techniques.
* Experience in using various tools and **IDEs** for **development** and **design** like **STS** and **Eclipse**.

**Environment:** Java 8/11, JPA, Spring Boot, Hibernate, AWS, Struts, Microservices, Stripes, Cassandra, EJB, JSF, jQuery, Ajax, JavaScript, Oracle 11g, Jira, Maven, Pl/SQL, JDBC, Solr, Apache CXF, NoSQL, CI/CD, Jenkins, Cloud logging, Cloud Storage, ActiveMQ, Rest, XCode, WebLogic, Node.js,Vue.js, Bootstrap, Sybase, Backbone.js, Angular.js, WODM 8.1, Junit, Agile, UML, JSP, JBoss, Servlet, Selenium, SOA.

# Client: - Centene Corporation, Conway, AR Dec2017 to Dec2019 Role: - Full stack Java Developer.

 **Responsibilities:**

* Developed the application using **Spring Framework** that leverages classical Model View Controller **MVC** architecture.
* Developed UI using **JSP HTML5** Tag libraries **CSS3 JavaScript** and **AJAX, Vue.js**.
* Used **Joins**, Stored Procedures and Functions in Interaction with backend database using **SQL.**
* Involved in all the phases of Software Development Life Cycle **SDLC** including analysis designing coding testing and deployment of the application.
* Styled **ReactJS** components using CSS-in-JS solutions like Styled Components and Emotion, enabling component-scoped styling and theme support.
* framework for building cross-platform mobile applications using React.js.
* Designed custom hooks in **React** to encapsulate reusable logic, promoting code reusability and maintainability across components.
* **Vue.js component library creation** for reusable UI elements across multiple projects, improving development speed and UI consistency.
* **Architected and deployed** highly scalable messaging systems using Kafka, RabbitMQ, SQS, and SNS, supporting millions of messages per day with low latency.
* Used Core **Java 11** with knowledge of multithreading concurrency memory management.
* **Managed Oracle databases** in enterprise environments, implementing PL/SQL scripts for complex business logic and ensuring data integrity across distributed systems.
* Applied security best practices in **Terraform** configurations, including IAM roles, security groups, and encryption, ensuring secure infrastructure.
* Developed **RESTful** web services using Java Servlets **JSON JAX-WS** and **JAX-RS** and persistence using Hibernate and **JPA** framework and as well as **Kafka**.
* Utilized Docker Hub and private registries for managing and distributing Docker images securely and efficiently.
* Comfortable with **peer programming** in various programming languages and technologies, adapting to different project requirements and team dynamics.
* familiarity with agile methodologies such as Scrum and Kanban, and using **Jira** Agile boards to plan sprints, track progress, and manage team workloads.
* Integrated third-party libraries (e.g., Chart.js, D3.js) into **React** applications to enhance user interface and data visualization capabilities.
* Led workshops and training sessions to upskill team members in **Kotlin**, fostering a culture of continuous learning and improvement.
* Used issue tracking tool **JIRA** for bug fixing and life cycle traceability.
* Configured **Dropwizard** applications using YAML, simplifying environment-specific configurations and enhancing maintainability.
* Proficient in utilizing Java frameworks such as Spring and Hibernate to apply **OOP** principles effectively in building enterprise-level web applications.
* Used **MAVEN** for project management and build automation and Continuous Integration is done using Jenkins. Implemented comprehensive logging mechanisms using **SLF4J** and **Logback,** facilitating effective debugging, monitoring, and troubleshooting of application behavior and errors.

**Environment:** Java 8, Spring - MVC, IOC, AOP, Batch, Hibernate, Angular 2/4, Spring Boot, JSF, Microservices, JAX-RS, JAX-WS, JAXB, SOAP/REST, OAuth2.0, TDD, Vue.js, WebLogic Server 12.2.1, Rabbit MQ, WSDL, Oracle, Node JS, , WebSphere, GCP, Maven, Jenkins, Eclipse, Apache CXF, JPA, RabbitMQ, Junit, Kotlin, Mockito, Microsoft Visio, Rally, Mongo DB, GIT, Linux, Log4J.

# Client: - Securonix Inc, Richardson, TX Mar2016 to Nov2017

**Role: - Sr. java Developer**

**Responsibilities:**

* Executed migration to a secure and scalable backend infrastructure using **Java 8**, leveraging various Java backend technologies like Version 8/11.
* Utilized Enterprise Java Beans (**EJBs**), including Session Beans and Message Driven Beans.
* Implemented **JDBC** for backend database connectivity, optimizing connections and working with databases like**DB2**.
* Developed **RESTful APIs** for high-volume data operations in Java, utilizing Web services with **WSDL**, **XML**, and **SOAP**.
* Designed and restructured backend Batch Jobs for efficient data synchronization, configuring them with **Unix shell scripting**.
* Implemented backend security measures, focusing on Java 11 backend technologies and best practices.
* Orchestrated the deployment of backend applications on **WebSphere** Application Server, meticulously configuring backend settings for optimal performance and security.
* Ensured backend compliance with industry-leading coding standards and state-of-the-art security best practices.
* Set up monitoring and alerting for MuleSoft applications using Anypoint Monitoring and third-party tools, ensuring timely detection and resolution of issues.
* Harnessed the capabilities of Java Developer Kit (**JDK**) 1.6, exploiting its advanced features for backend application development.
* Leveraged **GitHub** integrations (e.g., with Slack, Jira) to streamline project management and enhance team communication.
* If applicable, mention your experience integrating Spring **WebFlux** with reactive databases like **MongoDB or Cassandra.** Highlight any optimizations or performance improvements achieved using reactive database drivers.
* Utilized the **WebSphere** Application Server for seamless deployment and management of Java 11 backend applications, ensuring scalability and performance.
* Implemented **Log4J** for backend logging, enabling efficient log management and analysis for continuous improvement.
* Integrated with **JIRA** for streamlined backend issue tracking and project management within the **Agile Scrum**

# Environment: JDK1.8, JSP, Servlet, EJB, Spring Boot, JavaScript, Hibernate, Multithreading, Cassandra, Query, Struts, Design Patterns, HTML5, CSS3, JMS, XML, Eclipse, Apache, Kafka, Oracle ECM, Java 8/11, Struts, Apache Tomcat Server, SOA, PL/SQL, Oracle10g, UML, Junit, Microservices, Easy mock, Selenium, Behave, Maven, Cloud Foundry, Jenkins

# Client: - Blue Cross Blue Shield of Michigan, Detroit, MI

**Role: - Sr. Java Developer May2014 to Feb 2016**

# Responsibilities:

* Involved in all the phases of **SDLC** including Requirements Collection, Design & Analysis of the Customer Specifications, Development and Customization of the Application using **TDD** methodology.
* Manipulated **DB2** for data retrieving and storing using Hibernate.

utilized Hibernate ORM framework for database interaction, ensuring efficient storage and retrieval of medical patient data.

Conducted a comprehensive analysis of the existing health insurance system, including the collection of configuration data and applications from **IBM WebSphere Portal v6.1.5.**

* Performed a detailed assessment of the health insurance application code, emphasizing reusability and efficiency in handling healthcare data.
* Executed a strategic binary repackaging of health insurance applications in **IBM WebSphere Portal v8.0,** ensuring compatibility and optimization.
* Successfully migrated health insurance applications from **Portal 2.0 (JSR 286)** to **Spring Portlets,** enhancing flexibility and scalability.
* Developed a robust Service Layer using **Hibernate** to seamlessly integrate health insurance applications with both the backend database and the user-friendly frontend **UI layer.**
* Designed RESTful APIs using Spring Boot framework to facilitate communication between frontend medical applications and **pacemaker** devices.
* Utilized the **Hibernate ORM framework** as the persistence engine, actively engaging in mapping **POJOs** and crafting efficient Hibernate queries to handle complex healthcare data.
* Implemented **Data Access Objects (DAOs)** for streamlined data access using **Spring ORM** in conjunction with **Hibernate**, ensuring secure and efficient interactions with the health insurance database.
* Configured authentication filters and integrated Google Search Appliance for **IBM WebSphere Portal v8.0,** ensuring secure access and efficient search capabilities within the health insurance system.
* Integrated and implemented Portlets using Web services with **Apache Axis,** facilitating seamless communication and data exchange within the health insurance platform.
* Implemented secure data transmission protocols to ensure confidentiality and integrity of patient information transmitted to and from a medical device which is **pacemakers**.
* Involved in the system integration testing and troubleshooting the issues.
* Design, Develop Servlets and Sessions to implement business logic and deploy on the **Web Logic Application Server**.
* participated in code reviews and continuous integration processes to maintain code quality and ensure timely delivery of software updates and enhancements in medical field devices.
* Effectively addressed and fixed bugs identified during **QA testing,** ensuring the reliability and quality of the health insurance system.

**Environment:** Java 8, J2EE, JSR286, Spring Portlet, Hibernate, JSP, JSTL, JavaScript, IBM WebSphere Portal 8.0, IBM WebSphere Application Server 8.0,JSONRational Application Developer 8.5, IBM DB2 10.1, SV