**PROFESSIONAL SUMMARY:**

* 10+ years of professional IT experience in designing and developing multi-Tier distributed Enterprise applications using Object Oriented Programming features of Java, and J2EE technologies with Software Development Life Cycle (SDLC).
* Strong application development experience in using Agile Software Development methodologies like Scrum and Traditional software models like Waterfall and TDD.
* Expertise in developing web pages using HTML5, CSS3, JavaScript, jQuery, Ajax, Angular, Bootstrap with webpage cross browser compatibility and responsive web design and Server scripting language like Node JS, BackboneJS and ReactJS.
* Developed the application using Java11 and implemented its features like Lambdas Expressions, Time API, Streams, functional interfaces, collectors, default methods, type interfaces, for each.
* Having experience with Cloud Computing Service environments like Amazon Web Services (AWS) and managed EC2, S3 bucket, Virtual Private Cloud (VPC) through AWS Console and API Integration.
* Experience in understanding and implementing Microservices in client-server business applications. Expert in building Microservice applications using Spring Boot for developing RESTful web services.
* Experience in implementing client-server business applications using MVC and SOA architecture.
* Expertise in Java SE and J2EE Technologies, including JSPs, Servlets, Java Mail, EJB transaction implementation (CMP, BMP, Message-Driven Beans), JMS, Java Beans, JDBC, JNDI.
* Experience in developing server-side code with good knowledge of enterprise and persistence design patterns like Singleton, Factory, Business Delegate, Session Facade, Service locator, Visitor, Observer, Decorator, Front Controller, Data Access Object and MVC.
* Extensive experience on backend frameworks like Spring, Hibernate and JSF.
* Expert in implementing Spring modules such as Spring IOC, Spring MVC, Spring AOP, Spring JDBC, Spring DAO and Spring ORM.
* Proficient in developing and implementing machine learning models, leveraging various algorithms and frameworks to solve real-world business problems.
* Expertise in designing, developing, and implementing Extract, Transform, Load (ETL) processes using Informatica PowerCenter, enabling seamless data integration and data warehousing.
* Developing inter-operable Web Services and their related technologies like SOAP, Restful, WSDL, UDDI, XML, JAX-WS, JAXB, JAX-RPC using tools like Apache Axis.
* Experienced with Middleware Technology Messaging Brokers like JMS and ActiveMQ in SOA(Service-oriented) Architecture.
* Strong skills in RDBMS implementation and development using SQL Server, Oracle, IBMDB2, MYSQL, and experience in working with SQL, PL/SQL programming languages.
* Expertise in NoSQL databases like MongoDB, DynamoDB, and Cassandra databases.
* Experience in using build tools like Gradle, ANT, MAVEN for the development of build artifacts on the source code and log4J framework for logging details.
* Experience in developing test cases based on test first or Test-Driven Methodology using cucumber, JMeter, and Mockito.
* Proficient in deploying, configuring, and administering IBM WebSphere Application Server in various environments, including development, testing, and production.
* Skilled in integrating Drools with Java/JEE applications to execute business rules in real-time, providing dynamic decision-making capabilities to applications.
* Knowledgeable about optimizing Drools rules for better performance, including rule indexing, agenda filtering, and fact handling techniques.
* Experienced in developing UML diagrams with Star UML, and Rational Rose.
* Actively involved in the DevOps streamlining process through Jenkins CI and CD Release Automation.
* Experience in using web app servers like IBM Web Sphere, Web Logic, Apache Tomcat, Jetty and JBOSS Servers. Quick Learner, highly motivated team player with excellent organizational and analytical skills.

# TECHNICAL SKILLS:

|  |  |
| --- | --- |
| **Programming** | Java/J2EE, C, C++, PL/SQL. |
| **Scripting** | jQuery, JavaScript, Shell Script, Python |
| **Frameworks** | Servlets, EJB, JSP, JSF, JDBC, SOAP, WSDL, REST, XML, JAXP, JAXB, JPA, JMS, Spring3.x/4.x/5.x, Hibernate, Spring MVC, Spring Boot, Spring Data, Spring Batch, Spring cloud, Dump Analysis. |
| **IDE** | Eclipse, IntelliJ, NetBeans, IBM Rational Application Developer (RAD) |
| **Web Technologies** | HTML5, CSS3, AJAX, JSON, Bootstrap, Angular2.0/4.0, React JS with Flux, Redux, Ember JS, Knockout JS, Backbone JS, Handlebar JS, NodeJS, Express JS, TypeScript. |
| **Web Servers** | J Boss, Web logic, Web Sphere, Tomcat, Jetty, JAX-RS, JAX-WS, Apache CXF, Axis, Jersey. |
| **Databases** | Oracle 8i/9i/10g/11i/12c/18c, MySQL, MSSQL Server, Sybase, PostgreSQL, Cassandra, MongoDB |
| **Cloud Technologies & DevOps Tools** | AWS, Azure, PCF, EC2, EBS, S3, Docker, ECS, EBS, EKS, SQS, RDS, S3, Glacier, Lambda, Kubernetes. |
| **Database Tools** | SQL Developer, DB Artisan, TOAD, MSSQL Server Management Studio |
| **Reporting Tools** | Jasper Reports, BIRT, Crystal Reports |
| **Build Tools** | Ant, Maven, Gradle, Jenkins, Bamboo Gulp, Grunt, Web pack, NPM, Bower |
| **Other Tools** | JIRA, Confluence, Bam, Puppet, Chef, boo, Sonar, Fisheye |
| **Testing Tools** | Junit, TestNG, Mockito, Jasmine, Karma, Mocha, Chai, Spock, Protractor |

**EDUCATIONAL DETAILS:**

* Bachelors in Computers Science: 2010 - 2014
* Masters in Computers Science: 2015 - 2017

**PROFESSIONAL WORK EXPERIENCE :**

**Client: Cigna Corporation, Nashville, TN April 2022 to Present**

**Role: Sr. FullStack Java Developer**

**Roles & Responsibilities**:

* Application is implemented using Agile methodology where there is a daily SCRUM meeting to understand the status and resolve any issues.
* Involved in various phases of the Software Development Life Cycle (SDLC) such as requirements gathering, modeling, analysis, design, development, testing, and application support.
* Implementing core features of the Angular framework such as Dependency Injection, Data Binding, Filters, Directives, Templates, Services, and Deep Linking Designing.
* Used Angular Router to build single-page applications for navigation through different statuses and multiple models.
* Implemented Spring Boot, based services interacting through a combination of REST and Apache Kafka message brokers for communicating between different applications and Microservices.
* Utilizing Kubernetes for the runtime environment of the CI/CD system to build and test deploy.
* Developed end-to-end data processing pipelines that begin with receiving data using distributed messaging systems Kafka through the persistence of data into HBase.
* Kubernetes is being used to orchestrate the deployment, scaling, and management of Docker Containers.
* Worked on Proof of Concept for developing applications using Node JS with Angular 11 and Mongo DB.
* Working on performance testing of service using JMeter and using the JMeter scripts for load testing.
* Written several test cases using JUnit and Mockito for unit testing.
* Developed a logging module using Log4J 2 to create log files to debug and trace applications.
* Used Microservice architecture with Spring Boot, Spring Security, and Spring Batch, based services interacting through a combination of REST and Apache Kafka message brokers.
* Worked with NoSQL database MongoDB and worked with it to perform many different operations and data models document, key-value & wide column, or graph model.
* Implemented UI components using Angular 11 dependency Injection, Models, data binding, and controllers.
* Working on Lambda Expressions, Functional interfaces Stream APIs, Time API, and Improvements on Collection, Concurrency, and IO improvements using Java11.
* Using Spring Data JPA with Hibernate to integrate SQL Server into back-end web applications and performing CRUD and aggregation operations on a database.
* Deployed Spring Boot based microservices Docker container using Amazon EC2 container services and using AWS admin console.
* Configured AWS IAM roles and Security Groups in Public and Private Subnets in VPC.
* Working on end-to-end development and migrating the application to Cloud using the AWS availing services like AWS EC2, and Elastic Search.
* Worked on AWS, High Availability Practices, and deploying backup/restore infrastructure.
* Created AWS Lambda, EC2 instances provisioning on AWS environment and implemented security groups, administered Amazon VPCs.
* Build web forms and pages by using HTML5, CSS4, Bootstrap, and JavaScript and created asynchronous calls to the back-end server using Ajax.
* Extensive mechanisms and features like Parallel Operations on collections, multithreading, and effective sorting mechanisms, and used Stream API and Lambda expressions available as part of Java11 to store and process large volumes of data.
* Integrated the Drools and JBPM to application framework, which involved dynamic creation of knowledgebase and Knowledge session.
* Used Drools to handle complex business rules using Rule Sets and Rule Flows.
* Implemented Angular features in the front end to build web components, modules, and services, testing was done for the UI Components using Protractor and Jasmine
* Maintained Interface compatibility and concurrency in the project using Java 8 new features like default, static methods, and Concurrency API.
* Used Spring MVC framework for implementing Model-View-Controller (MVC) architecture at the Web tier level to isolate each layer of the application so that the complexity of integration will be reduced, and maintenance will be very easy.
* Developed RESTful services to send and receive data to update on UI. Familiar with jQuery Ajax call.
* Used Spring Core Annotations for Dependency Injection, and Spring REST for REST API.
* Involved in bug fixes, enhancements, and code refactoring on both frontend and backend functionalities.

**Environment:** Java 8/11, Angular 11, NodeJS, AWS, JavaScript, Hibernate, Bootstrap, JIRA, Spring Boot, Web services, Microservices, AWS, ELK stack, MongoDB, Maven, HTML5, CSS3, jQuery, Docker, Tomcat, Git, Jenkins, Selenium, Cucumber, Spring Cloud, S3.

**Client: Union Pacific Corporation, Omaha, NE Dec 2019 to Mar 2022**

**Role: Sr. FullStack Java Developer**

**Roles & Responsibilities**:

* Developed presentation layer using HTML5, CSS3, jQuery, Ajax, JSP, NodeJS, Typescript and client validation using JavaScript.
* Created responsive web pages using Bootstrap and wrote client-side application in a clean MVC model using Angular6.
* Responsible for working with Virtual DOM using NodeJS.
* Utilized Java 1.8 features like Lambda expressions for collection evaluation and comparing the data, Stream API for Bulk data operations on Collections which would increase the performance of the Application, Parallel operations on collections for effective sorting mechanisms and to change the sequential stream flow of threads while session establishment.
* Implemented the project as a multi-tier application using Spring IOC, Spring Data, Spring AOP, Spring Data JPA, Spring MVC Architecture with Hibernate as ORM framework, Spring Security (JWT/ JWE, OAuth) for Data Encryption, Spring Batch, Spring Integration, Spring Boot Framework, Spring Cloud, Spring, Social, Session, Web Services, AWS Cloud, Jenkins, NodeJS, Angular6, Typescript.
* Implemented the authentication and authorization of the application using Spring Security and Oauth2.
* Developed RESTful Web Services with JAX-RS using Spring Boot and Micro Services Architecture. Worked on testing the RESTful APIs using tools like POSTMAN.
* Used Spring IOC framework for Dependency Injection and Spring AOP for logging purposes. Implemented Restful Services with JAX-RS using Spring Boot and Micro Service Architecture.
* Implemented persistence layer using Hibernate, created POJOs and mapped to databases Annotations.
* Implemented Micro Services Architecture to divide the application into various sub modules. Performed CRUD operations like Update, Insert and Delete data in MongoDB and Cassandra.
* Involved in the design, development, of portlets, themes and skins for WebSphere Portal and deployed on server.
* Designed and developed SOA based enterprise system using Oracle SOA Suite and WebSphere Developed HQL queries for CRUD.
* Hands-on experience in configuring and managing high availability and load balancing solutions for WebSphere Application Server, ensuring maximum uptime and efficient resource utilization.
* Implemented Batch jobs to deal with large number of chunks using Spring Batch Framework to execute similar jobs simultaneously.
* Implemented the task dashboard of different JBPM workflows using BPMN 2.0, business rules using business rules using Drools,
* Deployed Spring Boot based Micro Services Docker container using Amazon EC2 container services and using AWS admin console.
* Used Jenkins pipelines to drive all microservices builds out to the Docker registry and then deployed to Kubernetes, Created Pods and managed using Kubernetes.
* Involved in development of test environment on Docker containers and configuring the Docker containers using Kubernetes.
* Skilled in creating data mapping documents and implementing complex data transformations to ensure data consistency and accuracy during the ETL process.
* Proficient in utilizing Informatica Data Quality (IDQ) to profile and cleanse data, resolving data quality issues, and ensuring data integrity across various data sources.
* Developed Microservice on boarding tools leveraging Python and Jenkins allowing for easy creation and maintenance of build jobs and Kubernetes deploy and services.
* Designed services to store and retrieve user data using MongoDB and Cassandra database and communicated with remote servers using REST enabled Web Services on Jersey framework.
* Used Spring Data Framework to use the features of Spring JDBC and Spring ORM classes like JDBC Template and Hibernate Template to perform the database operations by connecting to Data sources available. Developed test cases for unit testing in the integration layer using Mockito framework.
* Proficient in applying NLP techniques, such as sentiment analysis, named entity recognition, and text classification, to process and derive insights from unstructured text data.
* Sound understanding of deploying machine learning models to production environments, utilizing cloud services (e.g., AWS Sage Maker, Azure ML) or containerization technologies (e.g., Docker) to ensure scalability and efficiency.
* Used Gradle as build automation tool and responsible for Continuous Integration (CI) and Continuous Delivery (CD) process implementation using Jenkins.
* Implemented the application using various design patterns such as Singleton, DAO, Factory and Service Locator.
* Developed Micro-Services based architecture to enable the application to be deployed on AWS.
* Implemented a Continuous Delivery pipeline with Docker, Jenkins and GitHub and AWS AMI's. Deployed and tested the application on Web Sphere Application Server.
* Used UNIX shell scripts to search/modify files.
* Used GIT for version control across common source code used by developers.
* Monitored the error logs using log4j and fixed the problems.
* Used JIRA tool for Issue/bug tracking, monitoring of work assignment in the system.

**Environment**: Java 1.8, J2EE, Spring MVC, XML, AJAX, AngularJS, NodeJS, AWS, JavaScript, Hibernate, Bootstrap, JIRA, Spring Boot, Web services, Microservices, AWS, ELK stack, MongoDB, Maven, HTML5, CSS3, jQuery, Docker, Tomcat, Git, Jenkins, Selenium, Cucumber, STS.

**Client: Hartford Financial Services Group, Inc., Hartford, CT Mar 2016 to Nov 2019**

**Role: Java Application Developer**

**Roles & Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC) of the application like Requirement gathering, Design, Analysis and Code development and understanding of business requirements and implement the process using Agile (Scrum) methodology.
* Worked on Prototype designs and development in HTML5, CSS3, Bootstrap, Java Script and ReactJS.
* Developed robust and scalable RESTful APIs and microservices using DropWizard, leveraging its built-in features for configuration, logging, and metrics to enhance application performance and maintainability.
* Implemented custom health checks, metrics, and logging using DropWizard built-in features, which enhanced application monitoring and reduced downtime by 30% through proactive issue detection and resolution
* Used jQuery, Ajax for service calls on pages to interact with the server for information.
* Developed the User Interface using JSP, Spring MVC frameworks, jQuery, AngularJS, Backbone JS, and Node JS. Used
* AJAX and JavaScript for Server side/Client-side validation.
* Worked on Proof of Concept for developing applications using Node JS and Mongo DB.
* Used Spring framework AOP features and JDBC module features to persist the data to the database for few applications. Also, used the Spring IOC feature to get hibernate session factory and resolve other bean dependencies.
* Involved in writing Spring Configuration XML, file that contains declarations and business classes are wired-up to the frontend-managed beans using Spring IOC pattern.
* Created RESTful web services interface to Java-based runtime engine and accounts.
* Expert in integration of the various modules over Service Oriented Architecture (SOA) using JMS, Restful Web services and Micro Services using Spring Boot.
* Involved in integrating JAX-RS into Spring Boot application.
* Designed and implemented cloud-based solutions using Azure services such as Azure App Service, Azure Functions, Azure Storage, Azure SQL Database, or Cosmos DB.
* Leveraged Azure's scalability and flexibility to architect and optimize solutions for performance and cost efficiency.
* Developed data models and implemented database solutions in Azure, such as Azure SQL Database, Azure Cosmos DB, or Azure Data Lake.
* Ensured data integrity, implemented efficient queries, and managed data storage and retrieval.
* Implemented and managed continuous integration and continuous deployment (CI/CD) pipelines using Azure DevOps.
* Automated build, test, and deployment processes to enable efficient and reliable software delivery.
* Identified and resolved performance bottlenecks, optimized application, and infrastructure configurations, and monitor system performance using Azure monitoring tools like Azure Monitor and Application Insights.
* Developing scripts for build, deployment, maintenance, and related tasks using Jenkins, Docker.
* Developed an API to write XML documents from a database.
* Utilized XML and XSL Transformation for dynamic web- content and database connectivity.
* Involved in designing and developing the JSON, XML Objects with MySQL, and NoSQL database like MongoDB.
* Implemented service methods and SQL queries, PL/SQL to interact with the Oracle DBMS. Called Stored Produces in Oracle using Callable Statements in JDBC.
* Developed SCM by using the JSP/HTML like one form for each functionality user interface, standard validations using the JavaScript, Servlets used as the controllers for the business logic and business logic using JDBC, XML parsing techniques etc. using MVC.
* Experienced in optimizing Informatica workflows and mappings to enhance performance, minimize processing time, and reduce resource consumption.
* Ability to implement large scale Deep Learning and Machine Learning algorithms to deliver resourceful insights and inferences.
* Familiar understanding of integrating disparate data sources (e.g., databases, flat files, APIs) using Informatica, facilitating unified and consistent access to critical business information.
* Involved in using JMS Queues and JMS topics for one-to-one and one-to-many communication in the application. Used Apache camel integration for routing and transforming the data between two applications using HTTP protocol. JSF (Java Server Faces) was used to simplify development integration of user interfaces and the operation on the values they (UI) hold.
* Implementation of web services in Java used to orchestrate outbound and inbound web services and processes on ESB (Enterprise Service Bus).

**Environment**: Agile Methodology, Java, J2EE, HTML5, CSS3, JavaScript, jQuery, AngularJS, JSP, JSTL, Spring (IOC, MVC, Security), Hibernate, DB2, XML, XSD, SOAP UI, Apache Camel, Web Services, Restful, SOAP, JAXRS, JAX-WS, WSDL, Log4j, JUnit, Web Logic, Jenkins, Gradle, GIT, Spring Tool Suite (STS), JIRA, Windows, Linux.

**Client: Synchrony Financial, Hyderabad, India May 2014 to July 2015**

**Role: Java/J2EE Developer**

**Roles & Responsibilities**:

* Involved in SDLC requirements gathering, analysis, design, development, and testing of application developed using Agile methodology.
* Created user-friendly GUI interface and Web pages using HTML, Angular JS, jQuery, Ajax, and Java script.
* Defined new validations through ReactJS for the form field validation implemented through HTML.
* Utilized ReactJS to develop high-quality, reusable, and scalable components, incorporating JSX syntax to build React components and views.
* Developed routing components in the application using the react-router module for various components and views to turn the application into Single Page Application.
* Implemented multiple screens on the front-end using ReactJS, incorporating a variety of pre-existing components from NPM and the Redux library.
* Resolved conflicts and issues related to Redux store interactions and data flow between components.
* JVM tuning experience by changing to heap sizes according to the requirement.
* Used Spring MVC and Dependency Injection for handling presentation and business logic.
* To maintain loose coupling between layers published the business layer as services and injected the necessary dependent components using Spring IOC and published cross cutting concerns like Logging, User Interface exceptions, Transactions using Spring AOP.
* Integrated Spring DAO for data access using Hibernate.
* Used Spring Security for Authentication and Authorization of the application.
* Implemented persistence framework using Hibernate & handled Transaction Management using the provided data source.
* Extensively used JSON to parse the data from server side to satisfy the business requirement. Responsible for designing Hibernate mapping files based on business logic and Object relationships.
* Integrated Spring and Hibernate together and worked on developing backend components and services using Hibernate and spring.
* Extensively used HQL and SQL for querying databases.
* Developed Message Driven Bean for asynchronous sending Messages using JMS.
* Used Apache Axis Service Engine for creating and deploying Web Service clients using SOAP, WSDL.
* Used Web Services for creating rate summary and used WSDL and SOAP messages for getting useful plans from different modules.
* Used Spring JMS module for lookup for the queues and MDBs for the listeners.
* Established Database Connectivity using JDBC, Hibernate O/R mapping with Spring ORM for Oracle. Packaged and deployed the application in JBoss.
* Developed Stored Procedures, Triggers and Functions. Actively involved in tuning SQL queries, Stored Procedures, Triggers in Informix and JBoss fuse technologies.
* Written LINUX shell scripts to identify user login information.
* Used Log4J for application logging and notification tracing mechanisms. Used Maven tools for building and deploying Web applications.
* Analysis and Bug fixing of the production problems and defects along with enhancement.
* Implemented JUNIT test cases for unit testing and Suites for end-to-end testing.
* Used JIRA for tracking the Project Stories in Agile Methodology.
* Used Tortoise SVN to maintain the version of the files and took the responsibility to do the code merges from branch to trunk and creating new branch when new feature implementation starts.

**Environment**: Java, J2EE, HTML, CSS, JavaScript, ReactJs, Redux, jQuery, JSP, JSTL, Spring, Hibernate, XML, XSD, Web Services, Restful, SOAP, WSDL, Log4j, JUnit, DB2, JBoss, Jenkins, Gradle, GIT, Eclipse, JIRA, Agile methodology, Linux.