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#### Professional Summary:

- **Full Stack Developer** with over **5+ years** of experience in Software Analysis, Object Oriented Design, Development, Implementation & Testing of Object-Oriented Applications and Web based Enterprise Applications using **Java/J2EE**.
- Experience in **Software Development Lifecycle (SDLC)** phases such as Analysis, Design, Implementation, Testing and Deployment.
- Experienced in **spring framework (Core, spring batch, Spring DAO, Spring AOP, Spring ORM, Spring Boot)** server-side component architecture for simplified development of distributed, transactional, secure and portable application based on Java Technology.
- Experienced in **spring (MVC), Spring Boot, Spring Batch, Java Persistence API, Spring JDBC and Hibernate (Object Relational Mapping Technology)**.
- Experience in **Hibernate** and the **O/R mapping** to map Java domain objects with the database, **spring framework** to easily configure J2EE applications.
- Experience on different **IDEs** such as **RAD, Eclipse, Spring Tool Suite, and IntelliJ**.
- Experience in developing web pages using **HTML5, CSS3, JQuery, Bootstrap, JavaScript, Angular JS, Angular 4/5 Versions, Node.JS, React.JS and Ajax** for providing the user interface and communication between the client and server like Singleton, Factory, MVC, Data Access Object and Business Delegate.
- Experience in various **Java/J2EE Design Patterns** such as **Session Façade, Service Locator, Application Controller, Front Controller, Factory, Prototype and Singleton**.
- Experience in **XML** related technologies like **XSL, XSD, XPATH, DTD, and XML Schemas, XML Parsers like DOM & SAX**.
- Experience in **Java** concepts such as Collections, Multi-threading, Synchronization, Exception Handling and OOPS concepts.
- Experience in Integration of **Amazon Web Services AWS** with other applications infrastructure.
- Experience with building Docker Images and running them on **Docker** containers.
- Experience using various application servers - **Apache Tomcat, JBoss, WebLogic and IBM WebSphere Application Server**.
- **Experience on Amazon Web Services (AWS) Component Usage, Configurations and Deployment - Elasticsearch, EC2, S3, SNS, SQS**
- Experience with Continuous Integration/Continuous delivery (**CI/CD**) tools **Docker, Jenkins** to deploy this application to **AWS** and used **GIT** for Version Control of code for incremental development
- Experience in **SOA (Service Oriented Architecture)** experience in developing web services using **SOAP & REST**.
- Well experienced in software development methodologies such as **AGILE, waterfall** and attending the **SCRUM** meetings processes.
- Strong written and verbal communication skills along with strong interpersonal, analytical and organizational skills.
- A complete Tech Savvy and Positive attitude to expand present knowledge base, energetic, active team player with positive and forward-looking attitude.

#### Technical Skills:

<b>Languages</b>	Java 11/8/7/6, PL/SQL, SQL
<b>Java/J2EE Technologies</b>	Core Java, JSP, JDBC, JMS, Java Beans, Java Multithreading, Generics and Collections, EJB, Tiles
<b>Web Technologies</b>	HTML5, XML, XSLT, DOM, JSON, CSS3, JavaScript, XPath, AJAX, Angular 10/8/6, Angular.js, Node.JS
<b>Methodologies</b>	UML, Agile, Waterfall
<b>Web Frameworks</b>	Spring (IOC, MVC, Boot), Hibernate
<b>Design &amp; GUI Tools</b>	Eclipse, IBM RAD
<b>App servers</b>	IBM Web Sphere, Apache Tomcat, BEA Web Logic
<b>Databases/Tools</b>	Oracle 11g/10g/9i, SQL Server, MySQL
<b>Operating Systems</b>	Windows, Linux, UNIX

## Professional Experience:

**Client:** Paychex, Rochester, NY

**Sep 2022- Present**

**Role:** Full Stack Developer

### Responsibilities:

- Involved in the complete SDLC including design of System Architecture, development of System Use Cases based on the functional requirements.
- Implemented **Java 11** features, including **Lambda expressions** and **Stream API**, for optimizing bulk data operations on collections, thereby enhancing application performance.
- Proficiently utilized **Core Java** concepts and libraries to design and develop system architecture and system use cases based on functional requirements.
- Utilized **Java 11** features like Lambda expressions and Stream API for Bulk data operations on Collections which would increase the performance of the Application.
- **Used Java 8 Lambda expressions, functional interfaces and Streams API.**
- **Used Java JDK 1.8 features like Lambda expressions and functional interfaces, wherever possible.**
- **Developed the application using Java 1.8 and implemented its features like Lambdas Expressions, Time API, Streams, functional interfaces, collectors, default methods, type interfaces, for each**
- Designed the applications using **Spring MVC** framework for easy maintainability.
- Developed the application for incident creation and retrieving the events using restful web services with **Spring Boot**.
- Developed **RESTful** services using **Spring Boot** and deployed to **pivotal cloud foundry (PCF)**.
- Used **Spring Boot** to collect the data from users and packaged the data as **JSON** distributed to applications.
- Developed the business layer using **spring Boot**.
- Used **Eclipse** as **IDE** tool to develop the application.
- **Responsible for maintaining and expanding AWS (Cloud Services) infrastructure using AWS (SNS, SQS).**
- **Configured AWS Cloud Watch to monitor AWS resources as well as application and troubleshoot AWS EC2 status**
- Used **Hibernate** in persistence layer and developed **POJO's**, Data Access Object to handle database operations.
- Used **Hibernate Transaction Management, Hibernate Batch Transactions, and Hibernate cache concepts.**
- Worked on Web/User Interface development using **AJAX, HTML5, XHTML, DHTML, CSS3, JavaScript.**
- Worked on creating components, directives, services and routing in **Angular 10** for better component communication by sharing the code between the components.
- Worked on **Angular.JS**, which combines web applications with Model View Controller capability to make development and testing of code efficient.
- Leveraged Aurora's features such as read replicas, automatic scaling, and multi-AZ deployment for optimizing database performance, ensuring high availability, and achieving scalability requirements for web-based enterprise applications.
- Developing UI using HTML5, CSS3, JavaScript, JQuery, Bootstrap, AngularJS and NodeJS and Developed prototype and project layout skeletons using ReactJs, JQuery, HTML5, and CSS3.
- Knowledge of rendering large data sets on the application view using React JS.
- Responsible for developing the Data Access Layer (Model) using ADO.NET Entity Framework model Linux and C#
- Implemented Rest services using node Js and C# to serve the web application with JSON data
- Ability to analyze user requirements or design specifications as well as write efficient and reliable C# and Java programs accordingly
- Worked on **Kafka** cluster setup, including topics management, partitioning, and replication to optimize data distribution and reliability.
- Involved in writing SQL queries, PL/SQL stored procedures, Triggers and creating business tables.
- Cofigured Spark streaming to receive real time data from the Kafka and store the stream data to HDFS using Scala.
- Developed Scalable applications using Stateless session EJBs.
- Implemented Messaging using **JMS** to get the status of the services.
- Used **XML for data exchange and schemas (XSDs) for XML validation.** Used **XSLT** for transformation of **XML.**
- Used **Java Messaging Services (JMS)** for reliable and asynchronous exchange of important information.
- Deployed **Docker** contained **Spring Boot** micro services in to **AWS EC2 container** service using **AWS admin console** and used lambda to run applications in **AWS console.**

- Deployed the application on **Amazon Web services (AWS)** and used it to provide a large computing capacity for scalable solutions.
- **Built the reusable service components using React.JS Components with Object Oriented JavaScript, JQuery, HTML, CSS3 based on the visual designs.**
- **Developed various React.JS components to help build the functionality and UI behavior using JavaScript.**
- **Used Redux as a store for storing multiple states of a React component**
- **Involved in developing restful APIs using Node.JS framework.**
- **Developed the Application making use Java 8's new Streams API and parallel Streams to partition the streams. Used Java 8 Method References feature to point to methods by their names and also used functional Interfaces.**
- Developed session **EJB** and **message driven bean (MDB)** to process **JMS XML messages.**
- Involved in fixing bugs the bugs or defects in the application and Used **Log4J** for any logging purposes during the development of the application.
- Implemented Docker containers for application deployment and management within AWS EC2 container service, streamlining development workflows and enhancing deployment efficiency.
- Generated **JUnit** test cases for testing various Java components.
- Used **JENKINS** as a continuous integration (CI) tool, for deploying applications into WebLogic Application Server.
- Developed reusable and interoperable Web service modules based on **Service-Oriented Architecture (SOA)** by using **SOAP and RESTful** services.
- Worked on **MongoDB** database concepts such as locking, transactions, indexes, replication, schema design, etc.
- Involved coding **SQL Queries, Stored Procedures and Triggers.**
- Followed the **Agile Scrum** software development methodology.

**Environment:** Java 11, Core Java, spring, Spring Boot, Hibernate, MVC, Micro Services, RESTful, POJO, HTML5, CSS3, JavaScript, Angular 10, Angular.JS, Kafka, Node.JS, AJAX, Docker, Jenkins, JMS, AWS, XML, EJB, Log4j, JUnit, SOAP, MongoDB, NoSQL, SQL, Agile and Windows.

**Client: Charter Communications, Stamford, CT**

**Jan 2022 - Aug 2022**

**Role: Full Stack Developer**

**Responsibilities:**

- Involved in requirement, design and development phases and creating custom solutions to match the requirements.
- Used **Java-8** features while developing the application.
- Using **spring Framework** developed and implemented the web-based application following the **MVC.**
- Used **Spring MVC** as Web module, involved in design, development of new Action classes to interact with business logic and Used Hibernate as ORM to map Java classes to data base tables.
- Developed **micro services** with **spring** and tested the application using **Spring Boot.**
- Worked extensively on **Spring Boot** for building **REST API's.**
- Designed and developed **Micro services** business components using **Spring Boot.** Consumed **REST** based Micro services with Rest template based on **RESTful APIs.**
- Demonstrated expertise in UI development using a variety of front-end technologies, including AngularJS, Angular 4/5, React.js, jQuery, HTML5, and CSS3, ensuring optimal user experience and interface functionality.
- Successfully integrated Amazon Web Services (AWS) components such as Elasticsearch, EC2, S3, SNS, and SQS into application infrastructure, contributing to improved scalability and performance.
- Developed Data Access Layer using **Hibernate ORM framework.**
- Created connections to database using **Hibernate session Factory**, using **Hibernate APIs** to retrieve and store data to the database with **Hibernate transaction control.**
- Designed and developed very complex and large web pages using **HTML5, CSS3, jQuery, JavaScript** and **Bootstrap** for Dynamic web pages.
- Integrated Scala's functional programming paradigm alongside existing Java components, enabling cleaner and more expressive code for complex business logic, especially in scenarios requiring parallel processing or distributed computing.

- Leveraged Scala's compatibility with Apache Spark for big data processing tasks, enhancing data analytics capabilities and enabling seamless integration with existing infrastructure for efficient data storage, retrieval, and analysis
- Leveraged Scala's rich ecosystem and compatibility with Java libraries to enhance development workflows, integrating tools like SBT (Scala Build Tool) and frameworks like Play Framework or Akka for building robust and high-performance applications, ensuring smooth deployment and scalability.
- Utilized AWS services for database migration, including AWS Database Migration Service (DMS), to migrate existing on-premises databases or other cloud databases to Aurora. Managed Aurora database instances, clusters, and configurations effectively.
- Integrated Java/J2EE applications seamlessly with Aurora using JDBC drivers or frameworks like Hibernate for object-relational mapping, ensuring efficient data access and manipulation in Java-based enterprise applications.
- Wrote SQL queries of differing complexities for the application. Designed and developed database objects like Tables, Views, Stored procedures, User Functions using PL/SQL, SQL Developer.
- Designed, tested, and executed well-structured and efficient C# and Java programs for windows, web, mobile and server based application development as per user or business requirements as well as established coding standards
- Designing and implementing scalable, RESTful and micro-services-based mobile back-end. The back-end is being written in Java using Spring Boot for simplicity and scalability.
- Leveraged cutting-edge technologies such as Kafka Streams and Apache Kafka to enable real-time data processing and event-driven communication, laying the foundation for advanced analytics and monitoring capabilities in Virt.X.
- Spearheaded the design and development of microservice architecture using Spring Boot, significantly enhancing the scalability and maintainability of the application infrastructure within the Virt.X project
- Played a pivotal role in the end-to-end development of web applications, utilizing a combination of Angular 6 and React.js to deliver engaging user interfaces while ensuring seamless integration with backend microservices.
- Led the implementation of best practices in software development, including unit testing with JUnit, logging with Log4J, and rigorous code reviews, resulting in robust and high-quality software solutions for the Virt.X project.
- Developed powerful **Single Page Application (SPA)** and dynamic responsive Web Application with **Angular 8**.
- Integrated **React.js** into the application's frontend to build efficient and interactive user interfaces.
- Developed reusable **UI components** using **React.js**, allowing for modular and maintainable code.
- Worked on **Java Messaging Services (JMS)** for developing messaging services. Implemented different types of messaging prototypes using **JMS**.
- Created **XML Schema, XML template** and used **XML SAX/DOM API** to parse them.
- Involved in designing and deploying multitude applications utilizing **AWS stack (Including EC2, Route53, S3, RDS, Dynamo DB, SNS, SQS, IAM)** focusing on high-availability, fault tolerance, and auto-scaling in **AWS Cloud Formation**.
- Created the **Docker containers** and **Docker consoles** for managing the application life cycle. Worked on creation of custom Docker Container images, tagging, pushing images, integration of **Spring Boot**.
- **Log4J** was used to monitor the error logs and used **GIT** as version control tool.
- Developed test cases and performed unit testing using **JUNIT Test case**.
- Used **GIT** for version control and **Jenkins** for Continuous Integration and Continuous Deployment (CI/CD).
- Implemented **SOAP Services (JAX-WS)** to interact with external systems like Fidelity.
- Worked with **NoSQL** database like **MongoDB** installation, configuration and in designing MongoDB multi-shared cluster and monitoring with MMS.
- Designed database and created tables, written the complex **SQL** Queries and **stored procedures** as per the requirements.
- Involved in analysis, design, and Implementation applying the **agile methodology**.
- Involved in Unit integration, bug fixing, acceptance testing with test cases, Code reviews.

**Environment:** Java 8, spring, Spring Boot, Hibernate, DAO, MVC, Micro Services, REST, HTML5, CSS3, JavaScript, Angular 8, Angular.JS, Node.JS, JQuery, Docker, Jenkins, JMS, AWS, XML, EJB, Log4j, JUnit, Jenkins, MongoDB, SQL, Agile and Windows.

**Role: Full Stack Developer****Responsibilities:**

- Involved in preparation of functional definition documents and Involved in the discussions with business users, testing team to finalize the technical design documents.
- Developed web application using **Spring MVC** framework.
- Used **Spring MVC** components to implement business layer and **Spring Boot** for Micro-services.
- Designed and developed **Micro service** business components using **Java /J2EE, Spring Boot** and Implemented **REST** web services based on **RESTful APIs**.
- Developed and tested RESTful services using Spring Boot and deployed them to pivotal cloud foundry (PCF) for seamless integration with enterprise applications.
- Utilized Hibernate ORM framework to ensure efficient data persistence, including the development of POJOs and Data Access Objects (DAO) for database operations.
- Used **Spring Boot** for building Micro services and developed spring-based application radically faster with very less configuration.
- Created several **Micro services** using **Spring Boot** in **eclipse**.
- Wrote **Hibernate Criteria queries** for data retrievals and have performed the **ORM mappings** to map **java entities** to database tables.
- Introduced Scala into the development stack for building efficient and scalable microservices, leveraging its concise syntax and functional programming capabilities to enhance performance and maintainability.
- **Utilized Scala for streamlining data processing tasks, leveraging its powerful functional constructs and libraries like Akka Streams or Spark to optimize data manipulation and analysis workflows, contributing to improved system performance.**
- **Written Typescript classes to construct Angular 6 Components and React.js.**
- **Hands-on Experience in Developing new user-facing features using React.js and building reusable components and front-end libraries for future use.**
- Extensively used **Eclipse IDE** for developing, debugging, integrating and deploying the application.
- Designed and developed the front-end application and user interactive web pages using **HTML5, CSS3 and JavaScript**.
- Developed the components using **Angular 6** needed for the application from the scratch and customizing from various **Angular** related libraries to meet the application's functionality.
- Involved in design and development of **Angular.JS**.
- Leveraged **Kafka** Streams for real-time data processing, enabling advanced analytics and monitoring.
- Integrated **Apache Kafka** into the application architecture for real-time data streaming and event-driven communication.
- Developed of **XML** files, Schema's and parsing them by using both **SAX and DOM** parser's.
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- Using **Java Messaging Service (JMS)** for messaging, configured queues and topics on the WebLogic application server and used them for messaging.
- Application server: Developed and Deployed **EJBs** and other Components in the **JBoss** Application Server.
- Implemented **Log4J** for Logging Errors, debugging and tracking using loggers.
- Involved in coding, code reviews, **JUnit** testing, Prepared and executed Unit Test Cases.
- Used **Web services (SOAP)** for transmission of large blocks of **XML data over HTTP**.
- Developed **SQL Queries** for performing CRUD operations in **SQL server** for the application.
- Involved in writing the **Oracle PL/SQL** Stored procedures, triggers, views.
- Involved in Unit integration, bug fixing, acceptance testing with test cases, Code reviews.

**Environment:** Java 8, spring, MVC, Spring Boot, Hibernate, HTML5, CSS3, JavaScript, Angular 6, Angular.JS, RESTful, Micro Services, Kafka, DAO, EJB, JBOSS, Log4j, JUnit, SOAP, XML, SOAP, SQL, PL/SQL, Agile and Windows.

**Client: Virtusa, India**

**Aug 2018 - Jun 2020**

**Role: Java Developer**

**Responsibilities:**

- Involved in analysis and design phase of **Software Development Life cycle (SDLC)**.
- Worked on **Spring MVC** Architecture for web applications.
- Used **spring framework** for integrating the **MVC** components with business services.
- Implemented **Spring MVC** framework in the application. Involved in developing code for obtaining bean references in **spring framework** using **Dependency Injection (DI)** or **Inversion of Control (IOC)**.
- Developed **RESTful** Web Services using **REST** controllers of **spring framework**.
- Used **Spring** Framework and created the Dependency injection for the Action classes using Application Context.
- Implemented **Hibernate** to persist the data into Database and wrote **HQL** based queries to implement **CRUD** operations on the data. Used Hibernate annotations and created **Hibernate POJOs**.
- Used **XML** and Java Architecture for **XML** Binding (**JAXB**), to map java classes to **XML** representation.
- Used **JMS** to place the import run requests into **JMS Queue**.
- Used advanced core Java features such as Annotations, generics, multithreading etc. throughout the application for well-structured programming.
- Used **Java Beans** to automate the generation of Dynamic Reports and for customer transactions.
- Developed web services **SOAP**, **WSDL** and web services clients using **JAXB and XML**, implemented **SOA** architecture.
- Used **agile** software management (**Scrum**) that included iterative application development.
- Participated in the status meetings and status updating to the management team.

**Environment:** Java 8/7, Core Java, spring, MVC, REST, XML, JMS, Java Beans, SQL, Agile and Windows.

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**Education Details:**

**Masters in computer information science from Suny Poly , 2023**

**References:** Will be provided upon request.