**Professional Summary:**

* **Full Stack Developer** with over **5 years** of experience in designing and developing of Object-Oriented Applications and Web based Enterprise Applications using **JAVA/J2EE** technologies.
* Proficiency in **Software Development Life Cycle (SDLC)** and **AGILE methodologies** of development process such as requirement analysis & definition, designing, coding, and implementation using **SCURM** and **Test-Driven Deployment (TDD).**
* Strong understanding of **UI/UX design** and development with experience in front-end frameworks such as **Angular, React**. Skilled in web technologies like **HTML/HTML5, CSS/CSS3, JSON, XML, AJAX, jQuery, JavaScript (JS), TypeScript (TS).**
* Competent in developing web applications with backend development, such as **MVC** Architecture using **Struts** and **Spring Framework,** while developing custom tag libraries for **JSP** Pages.
* Experience in developing web applications using **Spring Framework 5.x/4.x** and its various features like **Spring DI/IOC, Spring Security, Spring REST, Spring AOP, Spring Cloud, Spring Boot, Spring Hibernate Template and Spring Integration.**
* Experienced with Relational databases like **MYSQL, ORACLE, POSTGRE, PL/SQL and NoSQL** Databases like **MongoDb and Cassandra.**
* Experience in developing **Micro services** using **Spring Boot** and **Node.JS** to build more physically separated modular applications which will improve scalability, Availability, Agility of application.
* Experience in using **Hibernate** for the **Object Relational Mapping (ORM)** to transfer and connect the database and also used **Hibernate/JPA** for mapping **Java classes** with database using **HQL**.
* Experience in **Core Java, Multithreading, Collections, Generics, Exception Handling, Custom Tag Libraries, Struts, spring, Hibernate, Enterprise Java Beans, and JDBC.**
* Experience in creating **Docker files**, **Kubernetes** Containers, push/pull and integrating with **Spring Boot.**
* Proven track record in setting up **Continuous Integration and Continuous Development CI/CD** pipelines using **Jenkins, Azure DevOps, Maven, AWS, GCP** and **GitHub Actions.**
* Expertise in using Version control tools like **Git, TFS, GitLab and GitHub**.
* Outstanding **problem-solving**, analytical, communication skills, strategic thinking and data analysis skills, strong focus on teamwork and achieving team goals, result oriented, strong work ethics, leadership and willingness to work hard to achieve employer objectives.

**Technical Skills:**

* **Programming Languages**: Java, JavaScript, SQL, Python, Go, Kotlin.
* **Back-End Development:** Spring Boot, RESTful API, Database Migration (AWS Aurora, Asynchronous Messaging (Kafka))
* **Full-Stack Development:** Spring Boot and Angular, Real-Time Features (WebSocket’s), CI/CD Pipelines (Jenkins, GitLab), Docker Containerization
* **Cloud Technologies:** AWS (Microservices Migration), AWS Lambda (Serverless), Amazon DynamoDB (NoSQL), Infrastructure as Code (Terraform), Azure.
* **Database Management**: SQL, NoSQL (Amazon DynamoDB), Microsoft SQL Server, MS Access, Oracle, MySQL, Cassandra, Postgres SQL, PL/SQL, MongoDB, Firebase, Redis Cache
* **Web Technologies**: AJAX, HTML5, Java Script, XML, CSS3, AngularJS (Typescript), Express.js, React.js, Vue.js, redux, Bootstrap, webpack
* **Design Tools and IDE’s**: Eclipse, Net-beans, IntelliJ, STS4, Visual Studio Code
* **Testing Tools**: Jasmine, Selenium, Karma, Junit, Mockito.

**Others**: Maven, Jenkins, Apache Kafka, RabbitMQ, ActiveMQ, selenium, Log4J, Git, Docker, Kubernetes, ServiceNow, Helm charts, Gitlab, GitHub, bitbucket, Ansible, Terraform, JIRA, SonarQube.

**Professional Experience:**

**Client: JPM Chase July 2023 to present**

**Role: Full Stack Developer**

**Responsibilities:**

* Involved in all the phases of **SDLC** including Requirements Collection, Design and Analysis of the Customer Specifications and Development of the Application with Agile Methodologies.
* Leveraged tools and platforms like **Swagger** for API documentation, **Splunk** for log analysis, and **BigQuery** and **Bigtable** for data storage and query optimization.
* Developed and automated infrastructure on **Linux and Windows operating systems**, leveraging scripting with **PowerShell** and Bash for deployment and maintenance tasks.
* Implemented and managed **SAML**, **OAuth**, and **OIDC** for secure authentication and authorization mechanisms across enterprise applications.
* Experienced in developing and optimizing data pipelines using **Snowflake** and **Spark**, building scalable backend services in **Go**, and contributing to high-performance system-level programming with **Rust**.
* Designed and developed **scalable APIs** and **microservices** using **Java, Spring Boot, and Angular 12+**, with a focus on API development, service-oriented architecture (SOA), and documentation using **OpenAPI**.
* Implemented **Java** **17** features like **Lambda expressions, Streams, filters, pipelines, Optional Interfaces**, etc. and used along with streams like Parallel Streams for performing chain operations such as **filter, map,** and **collect on a collection**.
* Implemented **RESTful APIs** and **microservices MVC architecture** with **Java 8** and **Spring Boot**, ensuring high availability, scalability, and performance. **Apache Kafka** is used to send message objects to client queues and topics.
* Developed application using various Spring Framework and its **features Spring MVC, Spring DI, Spring AOP, Spring ORM, Spring REST and Spring Security** and implemented the associated business modules integration.
* Implemented **Hibernate** and used **Java** **Persistence API (JPA)** for data persistence by using **ORM classes, annotations,** and **HQL queries** to manage data related operations.
* Used **Angular 14** as framework to create a **Single Page Application (SPA)** which can bind data to specific views and synchronize data with server. Developed cross browser and multi browser compatible web pages using **HTML5**, **CSS3, Bootstrap, AJAX, XML, TypeScript and JavaScript.**
* Used **JMS (Java Mailing Service) API** to mail notifications upon the success or failure when the backend processes are completed and also to send mail notifications regarding any system related problems.
* Worked with **Docker** engine and Machine environments, to deploy the micro services for scalable applications and worked with **Kubernetes** to automate deployment, scaling and management of web Containerized applications.
* Used **Amazon Web Services (AWS)** like **EC2, S3, RDS, CloudWatch** and **Elastic Bean Stalk** for code deployment**.**
* Used **Log4j** to capture the log that includes runtime exception and for logging used for debugging.
* Participated in day-to-day meeting, status meeting, strong reporting and effective communication with project manager and developers.

**Environment:** Java 17, spring, Spring Boot, Hibernate, MVC, Micro Services, HTML5, CSS3, JavaScript, Angular 14, Angular.js Node.JS, Eclipse IDE, Kafka, XML, JMS, AWS, Docker, Kubernetes, Bootstrap, DAO, EJB, Log4j, JUnit, Jenkins, SOAP, RESTFul, Git, Jira, MongoDB, SQL, PL/SQL, Agile and Windows, Go, Node.Js , HTML5, NPM,WCAG

**Client: Progressive June 2020 to September 2022**

**Role: Java Developer**

**Responsibilities:**

* Involved in **SDLC** requirements gathering, analysis, design, development and testing of application developed using **agile** methodology.
* Using **Java** **11** in finalization of the HTTP client API and added the ability to launch single file source code programs.
* Developed and maintained **server-side applications** using **Node.js**, focusing on performance optimization, asynchronous programming, and scalable architecture. Integrated **RESTful APIs** and microservices using **Express.js**, ensuring high availability and responsiveness of applications.
* Developed and integrated messaging solutions using **Apache Camel** and **JMS** for real-time trade execution workflows, ensuring high availability and low latency in capital markets applications.
* Developed scalable backend services and data pipelines using Python, ensuring high maintainability and performance by adhering to **SOLID principles** and leveraging modern **CI/CD** practices for automated deployments.
* Involved in working with **Java 11** features like **Lambda Expressions, Filters, Stream API, for each () method in Iterable interface, new Date API, Predicates and Functional Interfaces.**
* Used **Spring Boot** which is radically faster in building **Micro services** and develop a spring-based application with very less configuration.
* Developed the persistence layer using **Hibernate Framework** by configuring the various mappings in **hibernate files** and created **DAO layer**.
* Developed server-side applications using **Node.js** and **npm**, integrating dynamic and accessible front-end interfaces with **HTML5**, while ensuring compliance with **WCAG** standards to deliver inclusive and user-friendly web experiences.
* Developed applications using **Angular.JS** **single page applications (SPA)** to improve page performance. Worked with **Angular JS** routers, forms, modules, Dom, events, expressions, controllers, filters and Http Request.
* Implemented **CI/CD pipelines** using **Jenkins and GitLab** for deploying containerized applications on **AWS and Azure**, leveraging Docker, **Kubernetes**, and advanced deployment strategies such as **A/B testing**, blue-green deployments, and feature toggles, while mentoring junior team members and following **Agile** methodologies like **SCRUM and Kanban**.
* Used **Apache Kafka** confluent distribution both as a traditional messaging message and stream platform.
* Leveraged **Git** for source code version control, and **Bitbucket** for repository management and launched the application on Azure, utilizing services like **Azure VM** for server hosting, **Azure SQL, Azure Blob Storage, Azure Key Vaults** for storing static assets.
* Written **JUnit** test cases for Business Objects, code documentation for future reference and upgrades.
* Designed and implemented the **MongoDB** schema Wrote services to store and retrieve user data from the **MongoDB** for the application on devices. Actively involved in tuning **SQL queries,** Stored Procedures, Functions and Triggers in **Informix**.
* Conducted comprehensive testing using **JUNIT** to ensure code quality, including unit tests, integration tests, and functional tests, resulting in a 25% reduction in post-release defects.
* Actively participated and provided feedback in a constructive and insightful manner during weekly Iterative review meetings to track the progress for each iterative cycle and figure out the issues.

**Environment:** Java 11/8, spring, Spring Boot, Hibernate, MVC, Micro Services, HTML5, CSS3, JavaScript, Angular 12, Angular.js, Node.JS, GraphQL, Eclipse, XML, JMS, AWS, Kafka, Docker, Bootstrap, DAO, EJB, Log4j, JUnit, Jenkins, SOAP, RESTFul, Git, Jira, MongoDB, SQL, PL/SQL, Agile and Windows, SOLID.

**Cilent: Kroger Jan 2019 to June 2020**

**Role: Java Developer**

**Responsibilities:**

* Involved in analysis, design and documentation of the application model. Used **Spring Framework** for the application development. Designed and coded application components in an **agile** environment.
* Built responsive frontend interfaces using **React, HTML5, CSS3, JavaScript, and Bootstrap,** ensuring seamless user interactions across various devices and browsers on MVC4 Framework.
* Designed and developed Business Services using **Spring Framework (Dependency Injection) and DAO Design Patterns.** Utilized **Spring MVC** annotations and **XML** configuration for Dependency Injection.
* Developed and maintained dynamic web applications using **PHP and MySQL**, implementing RESTful APIs, and integrating front-end frameworks to deliver responsive and user-friendly interfaces.
* Involved in requirements gathering, analysis, and design and in development of application based on **Java** using **spring framework.** Worked on **spring modules** like Dependency Injection, Aspect Oriented Programming and Spring Mail, Spring JMS and Spring Security.
* Collaborated with cross-functional teams to design and implement trading systems, gaining hands-on experience with key vendor platforms such as **Bloomberg** and **TradeWeb** for pricing and trade execution.
* Implemented **DAO pattern** to fetch data from database using **Hibernate** to carry out various database operations and avoid redundant database access statements.
* Used **JMS (Java Message Service)** to send, receive and read messages in the application.
* Generated the required **XML** files to transfer data between the server and the web pages.
* Involved in **Core Java** concepts like **Collections, Multi-Threading and Serialization.**
* Implemented **JAX-RS** or **RESTful** services and **JAX-WS** for **SOAP** based web services.
* Stored Procedures using **SQL/PL-SQL** for data modification.
* Coordinating with the business and functional teams to get clarity on the requirement for analysis.

**Environment:** Java, spring, MVC, Hibernate, XML, JMS, DAO, RESTFul, SOAP, SQL, PL/SQL, Agile and Windows,PHP.

**Cilent: Software Engineer Intern June 2018 – December 2018**

**Role: Tech Innovators Inc.**

**Responsibilities:**

* Contributed to the design and development of scalable web applications using **Java**, **Spring Boot**, and **AngularJS** frameworks.
* Assisted in implementing **RESTful APIs** for seamless data exchange between client and server components.
* Performed unit and integration testing using **JUnit** and **Mockito**, improving application reliability and performance.
* Developed dynamic user interfaces with **HTML5**, **CSS3**, **JavaScript**, and **Bootstrap**, ensuring cross-browser compatibility and responsiveness.
* Optimized database queries in **MySQL** to enhance data retrieval times and application performance.
* Documented technical processes, created user guides, and provided post-development support for software maintenance.
* Collaborated with cross-functional teams in an **Agile** environment, participating in daily stand-ups, sprint planning, and code reviews.
* Gained hands-on experience with **Docker** for containerized application deployment and **Git** for version control.

**Environment:** Java, Spring Boot, AngularJS, Hibernate, MySQL, RESTful APIs, JUnit, Mockito, Docker, Git, HTML5, CSS3, JavaScript, Bootstrap, Agile, Linux.

**Education:**

Master of Science in Data Science University of North Texas August 2022– May 2024

CGPA – 3.8/4