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**Professional Summary:**

* **Full Stack Developer** with over **10+ years** of experience in IT industry with a focus on web application development. Involved in every part of **SDLC**, right from requirement gathering inception, planning, designing, development, test automation, Ensure Business Sign - off and delivering within release timeline.
* Experience in **Spring Framework** such as **Spring IOC, Spring DAO, Spring ORM, Spring Resources, Spring JDBC, Spring Boot** and **Micro - Services.**
* Experienced in developing standalone applications using **Spring Boot.**
* Experience in **Spring Framework** modules such as **Spring MVC, IOC, AOP, JDBC, JTA, IO, Spring Dashboard, Spring Boot and Spring Micro services, Spring REST.**
* Experience working with **Hibernate** for mapping **Java classes** with database and using **Hibernate Query Language.**
* Experience in **Java 8** features including **Lambda expressions, Method references, Functional interfaces, Stream API, Default methods, Optional class, Collectors class, Parallel array sorting etc.**
* Contributed to the modernization efforts of Bank of America's **Electronic Trading** platform by utilizing **Java**, **Spring Boot,** **AWS**, and **Hibernate** technologies, resulting in improved performance, scalability, and functionality.
* Implemented **Algorithmic Trading Strategies** for equities, options, or fixed income products, leveraging proprietary algorithms and third-party solutions to optimize trade execution and achieve best execution outcomes.
* Good working experience with Web Technologies such as **Angular JS, Angular 2/4/6/8/9, React.js, Node JS, HTML5, CSS3, TypeScript, Bootstrap, XML, Ajax, JSON, JSP, jQuery, and JavaScript**.
* Experienced in working with **React.JS and Redux.**
* Experience in **Java messaging Service (JMS),** and messaging technologies such as Message Driver Bean.
* Experience in developing applications using **Core Java** concepts like **OOPS, Multithreading, Collections Frameworks, Exception Handling, Data structures** and **JDBC.**
* Experience in implementing design patterns like **Singleton, Factory, Prototype, Business Delegate, Session Facade, Service locator, Visitor, Observer, Decorator, Front Controller and DAO pattern.**
* Experience with building **Docker Images** and running them on **Docker container.**
* Experience in **AWS** Cloud administration and architecture, including **AWS IAM, EC2, VPC, S3, EBS, AMI, SNS, RDS, Cloud Formation** and **Cloud Watch, focusing** on high-availability and fault tolerance
* Experience in configuring and deploying the applications on **Tomcat, WebSphere, WebLogic and JBoss** Servers.
* Experience with **JUnit** tests for every single piece of functionality before actually writing the functionality.
* Experience in **Continuous Integration (CI)** and **Continuous Deployment (CD)** tools like **Jenkins.**
* Experience in developing server-side applications based on **Restful Web-Services and SOAP**, using different frameworks like **spring, JAX-RS, JAX-WS and JBoss CXF Webservices.**
* Experience designing and developing applications on relational databases **MongoDB.**
* Experienced in writing complex **SQL queries, Triggers and Stored Procedures** in various databases such as **Oracle, DB2 and MS SQL.**
* Experience working in environments using **Agile (SCRUM)** and **Test-Driven development (TDD)** methodologies.
* Configured **Jira** workflows, issue types, fields, screens, and notifications to align with project requirements and best practices
* Strong experience in client interaction and understanding business application, business data flow and data relations from them.

**Technical Skills:**

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| --- | --- |
| **Languages** | Java 11/8/7/6, PL/SQL, SQL |
| **Java/J2EE Technologies** | Core Java, JSP, Servlets, JMS, Java Beans, Java Multithreading, Generics and Collections, EJB, Tiles, Design Patterns |
| **Web Technologies** | HTML5, XML, DOM, JSON, AJAX, CSS3, JavaScript, AJAX, Angular 9/6/4/2, Angular.js, React.js, Node.js |
| **Web Frameworks** | Spring, Hibernate, Spring Boot. |
| **Design & GUI/Tools** | Eclipse, IntelliJ, IBM RAD, Log4J |
| **Databases/Tools** | Oracle, SQL Server, My-SQL, MSSQL, Postgres |
| **Methodologies** | Agile, Waterfall |
| **Operating Systems** | Windows, Linux, UNIX |

**Professional Experience:**

**Client: Bank of America, Philadelphia, PA. Oct 2021 – Present**

**Role: Full Stack Java Developer**

**Description**: I was involved in developing an application by using Java, J2EE, Spring Boot, AWS, HTML5, CSS3, Bootstrap, NodeJS, JavaScript, and hibernate. The project was to update the old application using some popular frameworks like Spring, Spring Boot, Hibernate, Microservices and AWS. The system was used to manage the project information. The old system was implemented by servlet without separating different functions into different components. It worked slowly and had no space to expand. We redesigned the system using the MVC structure, implemented business logic in the service layer, developed the DAO layer to access the data, and developed POJO Objects to implement O/R mapping with the database using AWS S3.

**Responsibilities:**

* Involved in Design, Development and Support phases of **Software Development Life Cycle (SDLC).**
* 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 **Spring MVC** framework for implementing **Model-View- Controller (MVC)** architecture at the Web tier level to isolate each layer of the application so that complexity of integration will be reduced and maintenance will be easy.
* Used **spring framework** to achieve loose coupling between the layers thus moving towards **Service Oriented Architecture (SOA)** exposed through **Restful** Services.
* Designed and developed **Micro Services** business components using **Spring Boot.**
* Developed **Spring Boot** application and deployed it into **AWS** using **EC2 instances.**
* Leveraged various **Spring** modules including **Spring MVC, IOC, AOP, JDBC**, and **Spring Boot** to contribute to the implementation of backend solutions for **Electronic Trading applications**.
* Developed the persistence layer using **Hibernate Framework,** created the **POJO objects** and mapped using Hibernate annotations and Transaction Management.
* Used **Eclipse IDE** to integrate the different frameworks to build the overall application.
* Design and code backend web services for web applications with **HTML5, CSS3, jQuery and JavaScript** as frontend technologies and also for consumption for other process.
* Used **React.JS** for tinplating for faster compilation and developing reusable components and utilized react for its efficient data flow architecture to create a lightweight application.
* Developed **React.JS** applications using **Redux** architecture for front-end UI, and **Node.js** applications for backend.
* Used **Node.JS** as a proxy to interact with Rest services and interacting with Database.
* The **Java Message Service (JMS) API** used to allow application components to create, send, receive, and read messages.
* Developing **Docker** images for Development and Testing teams and their pipelines.
* Collaborated on the integration of **AWS** services including **EC2**, **S3**, and **IAM** to enhance the availability, fault tolerance, and scalability of Bank of America's electronic trading platform.
* Used **AWS** to deploy the project on an EC2 instance. Created highly fault tolerant, highly scalable Java application using **AWS Elastic Load Balancing, EC2, VPC and S3** as part of process and security improvements.
* Used **Log4j** to capture the log that includes runtime exceptions and debug information.
* Involved in developing **JUNIT** Test Cases to validate the type of data in the XML Files.
* Used **Jenkins** for building, creating snapshots and deploying on servers.
* Implemented **Service Oriented Architecture (SOA architecture)** using **Web Services (SOAP, REST).**
* Worked on **MongoDB** design and indexing techniques. Implemented read preferences in **MongoDB** replica set.
* Implemented **CI/CD** **pipelines** using **Jenkins and GitLab CI/CD** to automate build, test, and deployment processes.
* Involved in Stored Procedures, User Defined functions, Views and implemented the Error Handling in the Stored Procedures and SQL objects and modified already existing stored procedures, triggers, views, indexes depending on the requirement.
* Followed **AGILE** Methodology to promote iterations, collaboration, and process adaptability and participated in SCRUM Meetings throughout the life cycle of project.
* Utilized **Jira** to support Agile methodologies such as Scrum, Kanban, and Scrumban, facilitating sprint planning, backlog grooming, and task tracking.

**Environment:** Java 11, Spring, Spring MVC, Spring Boot, Hibernate, HTML5, CSS3, JavaScript, React.js, Redux, Node.JS, AJAX, JSON, REST, JMS, JSF, XML, Java Classes, AWS, Docker, EJB, Log4j, TDD, JUnit, Jenkins, SOAP, RESTful, MongoDB, MySQL, Agile and Windows.

**Client: UPS, Atlanta, GA. Feb 2019 - Sep 2021**

**Role: Full Stack Java Developer**

**Description:** I was involved in developing an application by using Java, J2EE, Spring Boot, AWS, HTML5, CSS3, Bootstrap, NodeJS, JavaScript, Angular 7, and hibernate. This project is about developing interfaces which will standardize onboarding a new distribution center for UPS. At present whenever a distribution center is onboarded then point to point communication is established. That requires a lot of time. In the future, UPS is going to onboard 200 new Distribution centers. This project is going to be helpful in that and it will make onboarding of the new distribution center easier.

**Responsibilities:**

* Involved in the analysis, design, and development and testing phases of **Software Development Lifecycle (SDLC)** using **agile** methodology.
* Developed web components using **MVC** pattern under **spring framework.**
* Designed and developed Business Services using **Spring Framework (Dependency Injection)** and **DAO Design Patterns.**
* Developed **Restful API** in JAVA on **Micro-services** Architecture using **Spring Boot.**
* Implemented **Micro Services** architecture using **Spring Boot** for making applications smaller and independent.
* Used **Hibernate framework** in persistence layer for mapping an object-oriented domain model to a relational database.
* Implemented **Java Persistence API (JPA)** through **Hibernate.**
* Developed cross-browser/platform **HTML5, CSS3, JavaScript, Angular.JS and Bootstrap**to desired design specs for single page layout using code standards.
* Worked on **Java 1.8** concepts involving Streams, lambda expressions, Functional Interfaces, Optional Features. Developed UI using **Angular 7**.
* Designed **single page application (SPA)** with **Angular.JS.**
* Developed large-scale, real-time, live blogging server and UI using **Node.JS.**
* Involved in implementing the **JMS (Java messaging service)** for asynchronous communication.
* Used **XML** for defining the Workflow Templates for generating dynamic **HTML5.**
* Developed Session **EJBs,** which encapsulated the business logic for getting an insurance quote and then buying.
* Monitored the error logs using **Log4j.**
* Developed **JUnit** test cases.
* Used **SOAP**-based Web Services and Web Service Clients **(JAX-WS, SOAP, WSDL, and JAXB).**
* Orchestrated **Docker** containerization of Java applications and integrated **Docker** images into **CI/CD** pipelines, ensuring consistency and portability across development, testing, and production environments.
* **Continuous Integration (CI) and Continuous Delivery (CD)** process implementation using **Jenkins, Maven, Docker, Bamboo.**
* Developed **MySQL** stored procedures and triggers using **SQL** in order to calculate and update the tables to implement business logic.
* Written **SQL Queries** and **PL/SQL** stored procedures to satisfy various business requirements of the application.
* Followed **Agile** software development practice paired programming, **Test Driven Development (TDD)** and **scrum** status meetings.

**Environment:** Java 8, spring, Spring Boot, MVC, Micro Services, Eclipse, Hibernate, HTML5, CSS3 JavaScript, Angular 6, Angular.JS, Bootstrap, Node.JS, JMS, XML, EJB, Log4j, JUnit, SOAP, RESTful, SQL, Agile and Windows.

**Client: 7 Eleven, Irving, Tx. July 2018 – Jan 2019**

**Role: Java Full Stack Developer**

**Description:** I was involved in developing web pages by using Java, J2EE, Spring Boot, AWS, HTML5, CSS3, Bootstrap, NodeJS, JavaScript, Angular 6, and hibernate to design a user-friendly and multi-functionality responsive interface. This is a single sign-on application used by client portals at 7 Eleven. This application integrates with online trade interactions both internal and external applications. It implements a portal delivery mechanism for a trade matching and resolution application.

**Responsibilities:**

* Involved in Requirements gathering, Requirement analysis, Design, Development, Integration and Deployment.
* Implemented the **Model View Controller (MVC)** Architecture and used **spring framework.**
* Used **Spring Framework** for dependency injection, integration of **Hibernate** using **Spring ORM** support, development of **RESTful** web services to give **JSON** output.
* Worked in **Java Web Services** development using **Java** and **Spring Boot.**
* Designed and developed **Micro Services** business components and **RESTful** service endpoints using **Spring Boot.**
* Developed **Micro Service** to provide **RESTful API** utilizing **Spring Boot** with various data persistence frameworks such as **Hibernate** and **JPA** and messaging engines.
* Developed **DAOs Data Access Objects** and performed **O/R mapping** using **Hibernate** to access the database.
* Used **Eclipse** as **IDE** for development and unit testing.
* Designed and developed the User Interface using **HTML5, JavaScript, AJAX and CSS3.**
* Used Two-way data binding features of **Angular.JS** to implement Data binding to bind various server controls to the data from database.
* Developed an **Angular 6** workflow manager leveraging Angular-UI's state router for flexible configuration and management of multi-step user input flows.
* Worked on **Node.JS** providing an event-driven architecture and a non-blocking I/O API that optimizes an application's throughput and scalability.
* Used **JMS** for communication with different platform.
* Developed **EJB’s** related to the designated module.
* Used **Log4J** for logging and tracing the messages.
* Prepared **JUnit** test cases and executed the test cases using **JUnit.**
* Used Web services **(SOAP, REST)** for transmission of large blocks of data over **HTTP.**
* Written **SQL queries, PL/SQL** stored procedures, functions, triggers, cursors, sequences, and indexes which are going to be invoked by Batch processes.
* Followed **agile** methodology that included iterative application development, weekly Sprints and daily standup meetings.

**Environment:** Java 8, spring, Spring Boot, MVC, Micro Services, Eclipse, Hibernate, Angular 6, Angular.JS, HTML5, CSS3, JMS, Maven, XML, EJB, Log4j, JUnit, RESTful, SOAP, SQL and Windows.

**Client: Space Multimedia, Hyderabad, India. Jul 2016 – Nov 2017**

**Role: Java Developer**

Space Multimedia is a premier provider of cost-effective and competent IT solutions to assist our clients with their continually changing IT environments. Its goal is to help clients continuously improve the effectiveness of their applications. Space Multimedia deals with Application Development, Web Development, and Mobile Development.

**Responsibilities:**

* Involved in complete **Software development life cycle (SDLC)** to develop the application.
* Developed the presentation layer using **Spring MVC.**
* Used **Spring MVC** at presentation layer.
* Used **Spring Framework** implemented dependency injection, Action classes through Application Context **XML** and initialized managed beans and services.
* Used **Spring Framework** for Dependency injection, Spring Web Services framework.
* Involved in development and integration of the Application using **Eclipse IDE.**
* Developed **Core Java** components to develop the transaction report. Stored the dynamic data on to Collection Objects and used the predefined methods to perform all DB related operations efficiently.
* Implemented persistence layer using **Hibernate** that uses the **POJOs** (which do not have the business processes) to represent the persistence database tuples.
* Worked on parsing the **XML** files using **DOM/SAX** parsers.
* Developed **Message Driven Bean** for asynchronous sending Messages using **JMS.**
* Used **Log4j** for logging.
* Developed **SQL stored procedures** and prepared statements for updating and accessing data **SQL Server** database.
* Responsible for requirement analysis, designing, planning, tracking and execution of the application.

**Environment:** Java 8/7, spring, MVC, Hibernate, Eclipse, POJO, XML, DOM, MDB, JMS, Log4j, SQL, Agile and Windows.

**Client: Serco Global Services, Hyderabad, India. Feb 2013 - Jun 2016**

**Role: Java Developer**

Serco Global Services is a smart & integrated trading platform for MSMEs. It provides a one-stop source for overseas businesses to find, connect and trade with Indian MSMEs easily and effectively. It is the first and only integrated trading platform for India that provides a credible and holistic view of Indian MSMEs and complements those with unique predictive analytics, competitive insights, trade intelligence, business tools, expert resources, and local presence in India to build a complete solution for MSME needs.

**Responsibilities:**

* Involved in analysis, design and documentation of the application model.
* Performed requirement analysis, design changes, development and maintenance of the components using **spring MVC.**
* Used **spring framework** for wiring and managing business objects.
* Used **spring framework** to achieve loose coupling between the layers thus moving towards **Service Oriented Architecture (SOA)** exposed through Restful Services.
* Involved in developing application using **spring** core module and **POJO's** using **Eclipse** and worked on Messaging service.
* Used **spring framework** for Dependency Injection and integrated with **Hibernate.**
* Used **Hibernate** object relational data mapping framework to persist and retrieve the data from database.
* Worked for messaging service using **JMS.**
* Extensively used **XML** and Java Architecture for **XML** Binding (**JAXB**), to map java classes to **XML** representation.
* Worked in developing **Web Services (SOAP)** using **JAX-WS.**
* Implemented **Core Java** Methodologies like Interfaces, Collections, Customized Exceptions and Multithreading.
* Worked with Complex **SQL queries,** **Functions** and **Stored Procedures.**
* Implemented the project under **Agile** Project Management Environment and followed SCRUM iterative incremental model and configured various sprints to execute.

**Environment:** Java 7, spring, MVC, Eclipse, POJO, Hibernate, XML, JMS, SOAP, SQL, agile and Windows.