**Sudip Adhikari**

**Java Full Stack Developer**

**PROFESSIONAL SUMMARY:**

* **Full stack Java Developer with around 8+** years of experience in the IT industry, involved in complete software development life cycle requirement gathering, analysis, design, development, testing, debugging, implementation, and maintenance of applications in different domains.
* Expert in planning and executing system feature **deployments**, **orchestrating** **integration**, and maintaining systems throughout their lifecycles.
* Experience with **J2EE** technologies such as **Servlets, JSP, Struts, JMS, Hibernate, Spring, JDBC, React, Java Beans,** and **Web services** in the development and implementation of multi-tiered web-based enterprise applications (**SOAP**, **REST**).
* Experienced in designing and building dynamic and user-interactive websites using JavaScript, **React**, **Bootstrap**, and **jQuery**.
* Extensive working experience on **Apache** **Struts**, **JSF**, and **Spring** **MVC** presentation tier frameworks and **ORM** **Technology** **Hibernate** 3.0
* Experience on modules like **AOP**, **MVC**, **transactions**, **security** as part of **Spring** **MVC** Framework
* Experience in design and development of **Java** **applications** using Core java, Java collections, **Stream API, lambda Expressions, Data Structures, Multithreading, JDBC,** **Servlets**, **JSP**, **XML**, **Web** Services and other open-source frameworks and **APIs**.
* Experience in working with Spring frameworks such as **Spring** **MVC**, **Boot**, **Security** and **Data**.
* Experienced building webservices (**REST** and **SOAP**) using proven best practices and integrate external and internal webservices.
* Experience in building Web Applications using **micro** **services** with **Spring** **Boot** and **Restful** **Web** **Services**.
* Experience on various design Patterns like **Singleton, Factory, and Front Controller Design Pattern.**
* Hands-on **AWS** services like Elastic Compute Cloud (EC2), Virtual Private Cloud (VPC), Route53, Lambdas, Simple Storage Service (S3), Auto Scaling, IAM, Cloud Watch.
* Knowledge in Integration of Amazon Web Services **AWS** with other applications infrastructure
* Experience with Web/Application Servers such as **Apache Tomcat** and **WebLogic**, as well as databases such as **MySQL**, **PostgreSQL**, and **MongoDB**.
* Good experience in using various version controls like **SVN and GIT** and **JIRA** as project management tools.

**TECHNICAL SKILLS:**

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| **Programming** | Java, JavaScript, SQL, HTML5, CSS3, ReactJS |
| **Core Java** | Object-oriented programming (OOP) Streams, Functional Programming, Design pattern abilities, Serialization |
| **Frameworks/ Tools** | Spring Core, Spring Boot, Spring AOP, Spring MVC, Spring Security, Spring JPA |
| **ORM Frameworks** | Hibernate, JDBC |
| **Development Tools** | React, JSP, Servlets, JavaScript, HTML5, CSS, jQuery, XML |
| **Databases** | SQL, NoSQL, DB2 |
| **Web Services** | Microservices, APIs |
| **Testing** | JUnit |
| **Build Tools** | Kubernetes, Chef. Maven Jenkins, Docker |
| **Logging/ Debugging Bug Tracking** | Log4j |
| **Version and Source Control** | Git, SVN |
| **IDEs and tools** | Eclipse, IntelliJ, VS Code, Postman, SoapUI, visual Studio |
| **Cloud Technologies** | AWS |

**PROFESSIONAL EXPERIENCE:**

**JP Morgan Chase, Plano, Tx** **Apr 2022 - Present**

**Role: Full Stack Java Developer**

**Responsibilities:**

* Involved in Requirements analysis of the application according to the **Agile methodology**.
* System components construction **using Java, JSP, JavaScript, Web Services, Spring MVC.**
* Involved actively in designing web page using **HTML, JavaScript, CSS,** **Bootstrap, React.js** and **Redux**, **AJAX** and **jQuery**,**Express.js and,** **Restful** **API**
* Involved in developing different modules using **React**, **Redux**, **HTML5**, **CSS3**, **Bootstrap**, **React**-**Bootstrap**, **Material**-**UI**, **JavaScript**, **Express**.**js and,** **Restful** **API**
* Methodology. Interacted with the end users and participated in **the SCRUM** meetings.
* Developing End-User friendly **GUI using JSP, HTML, JavaScript & CSS**.
* Written numerous test cases for **unit testing** of the code using **JUnit testing framework**.
* Developed front-end screens using **JSP, HTML, CSS, JavaScript, JSON.**
* Interface with business management, operations, and risk managers to develop a wide range of metrics **focused on measuring efficiency, service, and control**
* **Kafka** integration with **Spark** using **Spark Streaming API.**
* Respond to events, **make tactical decisions, and execute plans**. Provide guidance for wealth management, discipline, and talent management.
* **Employed IAM** to create and control AWS Users and groups access **to AWS services and resources.**
* Experience in **MQSeries Clustering, MQ Client /MQ setup, MQSeries System Administration, user training and documentation.**
* Developed **Functional** **components** using new **React** **Hooks** **API** and used styled components to design the webpages
* Worked on Scala for implementing **spark machine** learning libraries and **spark streaming**
* Strong experience with **Groovy, Hibernate/GORM, Jenkins and Spring Framework**
* Strong working knowledge with **Object-Oriented Analysis, Design, and Implementation**
* Experience of build technologies **like Jenkins, Maven and Nuget**
* Experienced in front End technologies such as **NodeJS**, **React, Bootstrap.**
* **Support applications in production.** Note interruptions or bugs in operation and perform problem solving exercise to determine problem and ensure continued use of the application
* Worked on Spring cloud for **Routing, Service-to- service calls, Load balancing.**

**Startekk, Irving, Tx** **Nov 2020 – Feb 2022**

**Role: Full Stack Java Developer**

**Responsibilities:**

* Involve in all phases of **Software** **Development** **Life** **Cycle** (SDLC) of the application like Requirement gathering, Design, Analysis, and Code development.
* Develop web services (**REST** **API**) using Spring, **Spring** **Boot**, **REST** **Architecture**, used for storing and retrieving data using different **URIs** and **HTTP** methods.
* Used **MVC** **pattern** to develop the Model, View, and Controller using **Spring** **MVC**, **React** and Restful service with Hibernate framework.
* Worked on **React.JS** like text binding and writing classes using raw JavaScript and **JSX** files and developing user interface by using **React JS, Redux, React Router** for **SPA** development
* Use **Spring** **Data** **JPA** and **Hibernate** with entity beans for interacting persistence layer for CRUD operations
* Implement **Stateless** **Security** policies using spring security and **JWT** **tokens** with customized signatures. Used **OAuth** for authorization of the user to the application.
* Involve in writing of multiple batch jobs using **Spring** **Batch** framework where both annotation & XML-based configuration is done to support various business functionalities.
* Utilize **Java** **8** **features** like **Lambda** **expressions** and **Stream** **API** for Bulk data operations on Collections to increase the performance of the Application.
* Developed data ingestion application to bring data from source system to **HBase** using **Spark Streaming Kafka**.
* Implemented **Spring** **JPA** & **ORM** **framework** to interact with the database to perform all the crud operations based on business use cases.
* For Dependency Injection, **Spring** **Core** **Annotations** were employed, and **Apache** **Camel** was used to integrate the **Spring** **framework**
* Create automated pipelines in **AWS** CodePipeline to deploy Docker containers in AWS ECS using services like CloudFormation, Code Build, Code Deploy, S3, and puppet.
* Design, build and deploy an application for various environments using the AWS stack (Including **EC2**, **MongoDB**, **Docker**, **Kubernetes** **Orchestration** container (**EKS**) focusing on high-availability, fault tolerance, and auto-scaling and Load Balancing).
* Worked on the development using Test Driven Development (**TDD**) approach.
* Implemented **JMS** for the asynchronous messaging of critical business data among **J2EE components** and legacy systems.
* Used **Scrum** as a development methodology, participate in Daily Scrum meetings, Sprint Planning and **Sprint** **Planning**, Story Grooming, Story Writing, Retrospective, and other Agile meetings
* Unit test cases were created with Junit, integration tests were created with **Jenkins**, and logging was done with **Log4j**.
* **GitHub** was used as a version control platform and sources tree to resolve the conflicts.

**Bank of America, New York, NY Feb 2019 – Oct 2020**

**Role: Full Stack Java Developer**

**Responsibilities:**

* Involved in requirement analysis, design, development, and testing phases of the Software Development Lifecycle (**SDLC**) leveraging **Agile** **Methodology**.
* Used annotations from **Spring**, along with **JPA** and **Spring** **Data** **JPA** dependencies.
* Designed and developed **REST** **APIs** using Spring Boot, as well as migrating from **SOAP**-based web services to **RESTful** **services**.
* Designed stored procedures using **Procedural** **Language** for **SQL** (**PL**/**SQL**) for data manipulation, and design functions that utilize the stored procedures.
* Performed code reviews and assisted team members in development or debugging.
* Built interactive and responsive UI using **JavaScript**, **React**, and **Bootstrap**.
* Developed and maintained a clean and user-friendly interface using **React**, **jQuery**, **Ajax**, etc.
* Implemented **J2EE** standard **MVC** architecture using **Spring** Framework.
* Involved in the development of services-based architecture utilizing technologies like Hibernate **ORM** with **JPA** Annotations and **Spring** **MVC** **Framework**.
* Involved in implementing the **JMS** (Java messaging service) for asynchronous communication.
* Used **Eclipse** with **Tomcat** application server for development and application deployment.
* Worked in container-based technologies like **Docker**, **Kubernetes**, and **Openshift**.
* Migrated the **SOAP** **Web** **Services** to **Restful** **Web** **Services**, designing the endpoints for sending and retrieving data.
* Used **MDBs** (**JMS**) for **asynchronous** **communication** with the system.
* Hands-on experience in testing, finding bugs, and resolving issues in the production server.
* **Supported** **QA** in resolving issues by reproducing, diagnosing, and analyzing the root cause of bugs.
* Developed unit test cases using Junit, integration tests using **Jenkins**, and used **Log4j** for logging.
* Deployed **WAR** applications in the **WebLogic** **Application** Server Environment.

**Northern Trust, Chicago IL** **Sept 2017 – Jan 2019**

**Role: Java Developer**

**Responsibilities:**

* Implemented **Spring** **Modules** for Designing, Developing & Testing of Service Layer Business Components.
* Developed Message-based systems using **Spring**-JMS API and Message Driven **POJOs**.
* Involved in using **JPA** (**Java** **Persistence** **API**) frameworks and APIs as **JDO** (Java Data Objects) and hibernate.
* Used **Spring** **Framework** **AOP** Module to implement logging in the application to know the application status.
* Worked with configuring build tool Maven for the development and deployment.
* Developed Action classes, which communicate asynchronous messaging via **JMS**/**MQ**-Series to **DB2**.
* Implemented the application using **Spring** **MVC** **Framework**, **Dependency** **Injection** (**IOC**), **AOP**, **Spring** **Batch**.
* Developed **data ingestion application** to bring data from source system to HBase using Spark Streaming **Apache Kafk**
* Used Hibernate ORM framework as persistence engine, configured hibernate.xml file, and Involved in **Mapping**, **Coding**, and **Fine**-**tuning** of **Hibernate** **Queries**.
* Implemented JUnit for application Unit Testing.
* Consumed Web Services (**WSDL**, **SOAP**, **UDDI**) from the third party for authorizing payments to/from customers based on **SOA** **architecture**.
* Developed front-end code with Ajax call-in and jQuery to retrieve data as **JSON** Object from controllers in back-end **RESTful** Server

**Shiro, Philadelphia, PA Feb 2015 – Aug 2017**

**Role: Java Developer**

* **Spring AOP** was used for basic authentication at the **API level,** which cut down on development time for handling exceptions.
* **Spring Boot** and **Spring DataJPA** were used to implement the multi-tier applications.
* **Spring Boot** and **Mongo DB** were used to create a number of client-side web apps.
* Using **JAX-RS** and **Spring Rest Controller**, I developed a **REST** web service to expose some of the newly implemented functionalities to others.
* **Spring MVC** was configured, and **Annotation** was used to manage **URL mapping** with the controller for communication between levels.
* Experienced in database servers like **Microsoft** **SQL** **Server**, **My** **SQL**.
* Managed a server-based technology's continuous **integration** and **deployment technique.**
* Used **Git** for version control
* **JUnit** Framework was used to design and implement unit testing.
* For writing database queries to gather data for batch processes and individual accounts, I used **SQL.**