Souvik Dey

Full Stack Developer

📍 Al Regga, Dubai, United Arab Emirates   s09dey@gmail.com
+971-567194167

Details

Date / Place of birth
08/02/1992
India

Nationality
Indian

Links

Linkedin

Profile

- Full Stack Web Developer with over 7.5 + years' experience with **React.js, Java, Spring MVC, Spring Boot, MicroServices, Hibernate, MySQL.**
- Experience in developing a data pipeline through **Spring-kafka and Kafka Streams**
- Proficient in developing Single Page Applications (SPA) using **React.js**.
- Created Single page applications with the use of JavaScript library **React.js.** In-depth experience in React.js and techniques such as **Redux, Axios, JSX, Form Validation, HOC and react-router**
- Extensive experience in Front-end Application developing using **HTML5**, **CSS3**, **JavaScript** for building vibrant UI friendly, high-performance web applications
- Expertise in open source libraries like **redux-thunk** to create customized components.
- Used **Bootstrap** and **Media queries** to do **responsive web design** that fit all users and devices from desktop to tablet and mobile phone
- Built Restful web API with **Spring**, **Spring Boot,** and testing **APIs** using Postman
- Experienced in using **Node Package Management** to manage JavaScript package
- Experienced in database system like **SQL Server** and **MySQL**
- Experienced in using **JAVA Spring JPA with Hibernate** to integration **MySQL,** or **SQL Server** into back end web applications and performing **CRUD** and aggregation operations on a database
- Extensive knowledge on **JAVA SE** including **Collection, Threading,** and Core Java
- Strong programming skills in designing and implementation of multi-tier applications using web-based technologies like **Spring Boot**
- Skilled with Spring Core such as **Dependency Injection**, **Annotations**, and **Configurations**
- Extensively worked on **Spring JDBC**, **Spring Hibernate ORM**, and **JPA**
- Experienced in version control tools like **GIT** and ticket tracking platform like **JIRA**
- Good experience in developing applications with **RESTFul Web Service**
- Involved in all stages of Software Development Life Cycle (**SDLC**) as well as working in **an AGILE** Methodologies based development environment, participating in spring/iterations and **SCRUM** meetings
- Knowledge in cloud computing and **Amazon Web Services** (AWS)

Skills

Java

Spring Boot

Rest API

Microservices

Spring Security

JavaScript

React

HTML & CSS

MySQL

Node.js

Git

Express.js

Mongo DB

Docker

Kubernetes

Employment History

Oct 2021 — Present

Dubai

Full Stack Developer at Emirates(via AIQU)

- Experience in implementing Component life cycle architecture, store actions, installing **React Router**, **Thunk Redux** for API calls in React JS.
- Strong focus on Responsive Web Design, compliance with W3C Web Standards, applying best practices and leveraging web development by using modern UI/Front-End libraries, frameworks and tools such as HTML5, CSS3, JavaScript, JSON, and Bootstrap
- Developed the UI screens using **Functional Component**

- Extensive use of different React hooks like **: useState, useEffect, useDispatch, useSelector**
- Used of React Redux connector in all the components with the use of **mapStateToProps** and **mapDispatchToProps**
- Excellent problem identification skills through JUnit, Log4j
- Experience in using React JS components, Forms, Events, Keys, Router, plus Redux, Animations and Flux concept
- Experience with database MySQL.
- Developed the back end with **Spring Boot**, involving different layers of the application including **entity/model, DAO/repository, Controller, Service, Business,** and **Persistence**.
- Involved in creating the security layer using Spring Security authentication and OAuth 2.0
- Written Junit test cases for the Service and Controller classes for checking the functionality and also maintain the Sonar coverage more than 75%

FullStack Developer at Danske Bank

Sep 2020 — Sep 2021

Bengaluru

- Developed the back end with **Spring Boot**, involving different layers of the application including **entity/model, DAO/repository, Controller, Service, Business,** and **Persistence**.
- Developed Camunda calculation rule engine with BPMN & DMN file and integrate it with Spring Boot for modular solution
- Used of **Redis Cache** for implementing the Caching mechanism with SpringBoot
- Developed the monolithic arechitecture to microservices using **Apache Kafka** and **Kafka Streams** with Spring Boot.
- Involved in creating and designing a database, and connect the database with **Hibernate (ORM)**
- Developed test cases in **JUnit and Mockito framework** for unit testing
- Developed the front-end application with **React's Functional Component**
- Extensive use of different React hooks like **: useState, useEffect, useDispatch,useSelector**
- Used of React Redux connector in all the components with the use of **mapStateToProps** and **mapDispatchToProps**
- Implemented **redux** to resolve the application's global state management, especially for user login status
- Used of **React-Router** to handle the routing in the UI
- Developed **Redux-Thunk** middle ware for maintaining the asynchronous actions
- Used of ES6 feature in the project
- Used **git** for version control and collaboration
- Used Jira for maintaining the User Stories
- Used Jenkins and Openshift cloud provider for all the deployment related work

FullStack Developer at Manhattan Associates

Jan 2020 — Sep 2020

Bengaluru

- Developed the front-end using React **Functional Component**
- Used of different React Hooks like **UseState, UseEffect, UseRef** etc to make the application responsive
- Used of React-Redux for maintains the states of the application
- On the server-side, used **Spring MVC** with **Hibernate** to connect with **Microsoft SQL Server**
- Designed and created **DAO, Model, Component and Service** for consistency using SpringBoot Annotations
- Used Hibernate **Native Query** for query database and perform other CRUD operations as much as possible
- Used Spring Boot Security components like **Oauth2** and-**Authentication** for securing the application
- Used **git** for version control and collaboration
- Used of Jira for maintain the track of the User Story for each Sprint
- Used Manhattan Web Server and Jenkins for all the deployment related work

Backend Developer at Capgemini

Jun 2019 — Jan 2020

Bengaluru

- Involved in writing backend code using different Java 8 features like Lambda Functions, Stream API's and Optional
- Designed and created **DAO, Model, Component and Service** for consistency using SpringBoot Annotations
- Used of Spring Security **Authentication & OAuth 2.0** for maintain the security layer in the application
- Used **Hibernate Native query** to query a database and performing CRUD operations.
- Used of Redis Cache for maintaining the caching mechanism in the application

FullStack Developer at Infosys Ltd

Sep 2014 — May 2019

Mysore

- Developed application using Java/J2EE platform
- Implemented the Model View Control structure using different SpringBoot annotations
- Migrated the monolithic architecture to MicroService using different Spring Boot components
- Applied Java Collections such as **HashMap**, **List and Set** to store the data and performed different backend operations
- Applied Object-Oriented Programming (**OOP**) principles by using **Interface**, **Abstract**, **Overriding** and **Overloading**
- Used of Advanced Core Java concepts of **Collections-, Generics**, **Multi-threading**, **Synchronization** for better Solutioning
- Used of different design patterns while writing the code like Singleton, Builder Pattern, Factory Pattern etc
- Involved in writing Junits using Mockito and Power Mockito Framework

- Developed the front end application using **React Functional component** and managed the state using **React Context API**
- Used different React hooks like **useState, useEffect & useContext etc** to make the web page responsive
- Use of **axios, Fetch-Then API** for performing HTTP requests
- Implemented React test Cases using **Jest**
- Used of Jenkins Pipeline and IBM Web sphere Server for the deployment of the application

Education

Mar 2010 — Jun 2014

Kolkata

West Bengal University of Technology

BTech

Graduated with B.Tech degree in Computer Science and Engineering

Bengaluru

Personal Projects

1. https://covid-19-tracker-7d60b.web.app

Created a covid 19 tracker using React JS to keep track of the number of infected people in the world.

2. https://github.com/souvikdey77/Amazon-Clone

This is a clone of Amazon website, created using ReactJs. This UI is exactly the replica of Amazon website. It is not completly done. Some features are yet to complete.