Sai Pruthvik

Software Developer

+919502915435 | saipruthvik460@gmail.com | [Github](#) | [Linkedin](#) | [Crio Portfolio](#)

Skills

Languages: Core Java, SQL, Javascript
Technologies/Frameworks: Spring Boot, Spring Data, Mockito, REST, JUnit, Jackson
Database: MongoDB, MySQL
Tools: Git, Chrome Developer Tools

Experience

Optival Health Solutions   Jun 2022 - Mar 2023

- Collaborated with cross-functional teams to understand project requirements, fostering effective communication and teamwork.
- Utilized Java Spring and Spring Boot frameworks to establish a robust MVC architecture, enhancing project scalability and maintainability.
- Developed RESTful APIs for MySQL databases, enabling seamless CRUD operations, improving data accessibility and management.
- Implemented robust validation mechanisms tailored to specific project requirements, ensuring data integrity and preventing runtime exceptions.
- Designed user interfaces using ReactJs, with a focus on creating interactive forms for efficient user interaction with the database through a Spring Boot application.
- Conducted rigorous end-to-end testing to validate changes and deliver reliable software solutions.

Education

B.Tech | Electronics and Communication Engineering
Malla Reddy Insitute of Technology   Jun 2018 - Jul 2022
Grade: **6.6**

Projects

QMoney | *Java, Jackson, Factory Design Pattern, JUnit, Mockito, REST*   **Demo Link**   Sep 2023
QMoney is a visual stock portfolio analyzer. It helps portfolio managers make trade recommendations for their clients.

- Used Jackson library to serialize & de-serialize JSON files containing a user's historical trades and extract the stock list
- Developed REST APIs to call third-party services like Tiingo & Alpha Vantage to retrieve stock quotes on a given date
- Improved application stability by using Exception handling.
- Improved performance of the application by using multithreading.

XMeme | *Java, REST, Spring Data, MongoDB, Unit Testing*   **Demo Link**   Oct 2023
QMoney is Backend Module of Meme Stream Page where users can post and retrieve memes.

- Built REST APIs for posting and retrieving memes, enhancing user interactions and content sharing.
- Used MongoDB to store the Meme related fields and extract them.
- Conducted comprehensive unit testing of functionality using JUnit, Mockito, and MockMvc, ensuring robust and error-free operations.
- Implemented appropriate error handling and HTTP response codes for incorrect requests, ensuring a robust and user-friendly application.

Achievements

- Advanced React Certification from Coursera