

Sai Pruthvik

Software Developer

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Skills

Languages: Core Java, Spring Boot, SQL, Mockito, JUnit

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.

Mini Projects

QCalc

Jul 2023

- Built feature of a calculator by taking OOPS Principles into consideration.

Achievements

- Advanced React Certification from Coursera