

Sai Pruthvik

Software Developer

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Skills

Languages: Core Java, SQL, Javascript, HTML, CSS

Technologies/Frameworks: Spring Boot, Spring Data, Mockito, React.js, REST, JUnit, Jackson

Database: MongoDB, MySQL

Tools: Git, Chrome Developer Tools

Education

B.Tech | Electronics and Communication Engineering

Malla Reddy Insitute of Technology

Jun 2018 - Jul 2022

Grade: **6.9**

Projects

QMoney | Java, Jackson, Factory Design Pattern, JUnit, Mockito, REST

[Demo Link](#) Oct 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.

MediaBox | React, Typescript, Context, Tailwind CSS, Daisy UI, React Query

[Demo Link](#) Jan 2024

A React Application To view and filter Movies and TV Shows.

- Responsive Design: Implemented optimized design for various devices, ensuring a seamless user experience across desktop, tablet, and mobile screens, enhancing accessibility and usability.
- Reusable Components: Utilized best practices in React development to create reusable components, promoting code reusability and maintainability, thereby enhancing development efficiency and scalability.
- Efficient Caching with React Query: Implemented efficient caching mechanisms with React Query, minimizing duplicate requests and optimizing performance, resulting in faster load times and improved user experience.

Object Modelling | Java, Design Patterns, SOLID Principles, Unit Testing

[Demo Link](#) Jul 2023

Designed structure of applications following Standard Coding Principles ensuring Clean Architecture.

- Built a Hackerrank like contest application by applying their Core Java + design skills.
- Designed & implemented the classes required for a contest framework.
- Implemented the business logic of running a simulated contest.
- Built a JukeBox application based on a problem statement, from scratch.

Shopping Cart | React, TypeScript, Context, Tailwind CSS.

[Demo Link](#) Feb 2024

Built a Simple Cart Implementation using React and TypeScript, with various features.

- Integrated a seamless login process leveraging the Dummy JSON Authentication API for user access.
- Established efficient product fetching capabilities from the Dummy JSON Products API, ensuring up-to-date inventory.
- Engineered a user-friendly cart functionality enabling product addition, removal, and real-time total calculation for enhanced shopping experience.

Achievements

- Advanced React Certification from [Coursera](#)