Sai Pruthvik

Software Developer

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Profiles

in saipruthvik   ⬤ Pruthvik007   ⚛ portfolio

Summary

Full Stack Developer with hands-on experience in developing web applications using Java Spring Boot, React, and MySQL. Currently enhancing skills through a comprehensive Full Stack Development course at Crio. Eager to apply knowledge and contribute to dynamic development projects.

Skills

Languages	Technologies/Frameworks	Database	Tools
Core Java, SQL, Javascript, HTML, CSS, Typescript	Spring Data, Mockito, React.js, Spring Security, Docker, REST, JUnit, Jackson, Spring Boot	MongoDB, MySQL	Git, Chrome Developer Tools

Projects

Ecommerce Application ⊕   May 2024

Developed a Backend module with role-based authentication, product and order management functionalities.

- Developed a Spring Boot backend, integrating role-based authentication and authorization (Spring Security, JWT), along with product management and order processing.
- Designed entity relationships, RESTful APIs, and dynamic JPA queries with pagination support.
- Utilized Docker for consistent environments, and integrated MySQL and Hibernate for data storage and ORM.
- Conducted unit testing with JUnit and Mockito, and implemented exception handling for meaningful error messages.

Java, Spring Boot, Spring Security, JUnit, Mockito, JWT

MediaBox ⊕   Dec 2023

MediaBox is an application designed for users to easily access information about movies and TV series.

- Developed an application with React and TypeScript for accessing movie and TV series information, implementing a responsive design using Tailwind CSS for various devices.
- Created reusable React components, following best practices to enhance code re-usability, maintainability, and development efficiency.
- Utilized React Query for efficient caching and React Context for state management, implementing filtering functionality to allow users to sort media based on different categories.

React, Typescript, Tailwind CSS, React Context, React Query, Responsiveness

XMeme ⊕   Sep 2023

XMeme is a simple backend web application where users can post and see memes.

- Built XMeme by writing necessary GET and POST APIs for fetching and posting the memes.
- Built the backend application from scratch using a spring starter template and stored/retrieved the data from MongoDB.
- Tested the application functionality.

Http, Unit Testing, Spring Boot, Spring Data, MongoDB, REST

Object Modelling ⊕   Aug 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.

Java, Design Patterns, SOLID Principles, Unit Testing

QMoney ⊕   Jul 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 multi-threading.

Java, Jackson, JUnit, Mockito, REST, Design Patterns

Education

Malla Reddy Institute of Technology   June 2018 - Aug 2022
Electronics and Communication Engineering   Bachelor of Technology
6.9 GPA

Certifications

Advanced React   May 2023
Meta (Coursera) ⊕

Programming With JavaScript   April 2023
Meta (Coursera) ⊕