

YASWANTHSAI SOMPALLI

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CAREER OBJECTIVE

Highly dedicated software developer with a sheer passion for innovation and acute problem-solving. Proficient in various programming languages, frameworks and SDLC methodologies. Experience in developing efficient and scalable applications, adept at translating creative concepts into tangible performance applications, creating and delivering exceptional user experiences. Eager to contribute my technical expertise in delivering high-quality code. Driven to create cutting-edge software solutions in a challenging and rewarding role, pushing the boundaries of innovation and driving transformative solutions to the software developing landscape.

EDUCATION

Northumbria University

Masters of science in computing and technology

England, London

Jan. 2022 – Jan. 2023

Anil neerukonda Institute Of Technology And Sciences

Bachelors of technology in computer science

Vizag, India

June. 2017 – July 2021

PROJECTS

Netflix-Gpt

Netflix Clone Integrated With Open AI

- Developed a visually appealing Netflix clone using React.js, integrating Redux.js Toolkit for efficient state management and Firebase backend for seamless authentication, while leveraging TMDB API to fetch movies.
- Implemented user authentication features including signup, signout, and signIn leveraging advanced React hooks like useRef for performance optimization and form validation.
- Integrated OpenAI api for search functionality, enabling users to search for favorite movies and efficiently handling multiple asynchronous operations, while optimizing performance through memoization which efficiently reduced the number of API calls by over 80% and multilanguage support for SEO on the browse page.

Youtube Clone

Cloned version of youtube

- Developed a feature-rich application closely resembling a popular video-sharing platform using React, Redux, and Tailwind CSS.
- Created an advanced search engine with real-time search suggestions as the user types, optimized for performance with a 200ms debouncing mechanism for search queries
- Achieved 70% fewer API calls and improved efficiency through Redux store caching. Implemented N-Level Nesting Comments through recursion

Books Management System

Full stack web application using spring boot

- Integrated React with Spring Boot, using spring data JPA for efficient CRUD operations.
- Employed React hooks for streamlined state management and asynchronous operations, while implementing a cors filter for secure cross-origin communication.
- Developed React functional components for easy updates, deletions, and additions. Managed application navigation using React Router's Browser Router for a seamless experience

PROGRAMMING SKILLS

Languages : Html, Css, Javascript, Core Java, Sql, C++, Tailwind Css, Sass.

Technologies: React, DBMS, Spring Boot, CI/CD, Design Patterns, Agile Methodologies, RESTFUL APIS, Redux, Test Driven Development, Version Control, AWS Services, Software Engineering Principles

ACHIEVEMENTS

Leetcode: Successfully solved over 350+ problems on Leetcode and Earned the 100 Days of Code badge for commitment to continuous learning and skill development.

Frontend Mentor: Completed 16 challenges on Front-end Mentor, earning 310 points and demonstrating proficiency in frontend web development.

CSS Battles: Completed 51 CSS targets on CSS Battles with a score of 31008.18, showcasing mastery in CSS.