

# Madhu Mitha Marthala

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[Linkedin](#) | [GitHub](#)

## SKILLS

Web Development	: HTML5, CSS3, Bootstrap
Frameworks/Libraries	: React, Redux, Tailwind CSS, Jest*
Programming Languages	: Javascript, *Python
Databases	: MySql
Tools/Technologies	: VS Code, Git

\*courses yet to be completed

## PROJECTS

**YouTube Clone 2023** <https://github.com/Madhumitha1374/YouTube/tree/master>

- The YouTube clone project is a video-sharing platform inspired by the renowned YouTube platform using React Js. Ensuring a seamless user experience, boasting a rapid page loading time of less than 500ms. Users can effortlessly discover, view, and engage with videos while enjoying innovative features including live comments, nested discussions, and dynamic theme toggling.
- Integrated YouTube API to fetch videos, channels, and metadata, providing users with seamless access to YouTube content within the platform.
- Implemented Real-time commenting system fosters community engagement and interaction, optimized for performance and scalability.
- To manage the state of the application I used Redux, a state management library for React.
- Used Intuitive dark and light mode options provide users with visual customization, prioritizing readability and user comfort.
- Robust search functionality enables users to explore videos based on keywords, tags, and categories, optimized through debouncing for efficient performance.
- Shimmer UI placeholders enhance user experience by providing smooth loading transitions and visual feedback during data fetching and rendering processes.
- Custom hooks streamline codebase management and enhance code readability and reusability, optimizing development efficiency and maintenance.

**Technologies involved:** React, Javascript, HTML5, Tailwind CSS, Redux, Routing, REST API Calls, Git, webpack, JSON, JSX, Babel

**Netflix-Gpt 2023** <https://github.com/Madhumitha1374/netflix-gpt>

- The Netflix clone project is a streaming platform replica inspired by the popular Netflix service. It offers users a rich and immersive experience, featuring a dynamic home page with a scrollable list of movies, detailed movie pages, a powerful GPT-powered search

*engine, multi-language support, and robust user authentication.*

- *The home page presents users with a curated list of scrollable movies, providing an engaging browsing experience. Users can click on individual movies to know more about the movie.*
- *The search functionality leverages OpenAI's GPT model to provide intelligent and context-aware movie search results, enhancing discoverability and user satisfaction. The search page supports multiple languages.*
- *Firebase authentication ensures secure user login and registration processes, enabling personalized recommendations and content preferences for each user.*
- *Shimmer UI placeholders enhance user experience by providing smooth loading transitions and visual feedback during data fetching and rendering processes.*
- *Custom hooks streamline codebase management and enhance code readability and reusability, optimizing development efficiency and maintenance.*
- *Optimized codebase management and maintainability through the use of custom hooks and Redux for state management, promoting modularity, reusability, and scalability.*

***Technologies involved:*** React, Javascript, HTML5, Tailwind CSS, Redux, Routing, Firebase, Authentication, Authorization, Open Ai, REST Api call, Git, webpack, JSON, JSX, Babel

## WORK EXPERIENCE

### Software Engineer Nov '21 – July '23 Xoriant Solutions

#### ➤ BNVM PERSHING

- *Comprehensive testing of existing APIs to validate functionality, reliability, performance using javascript, REST APIs and React Js.*
- *Followed industry standards to write clean code for ReactJs.*
- *Skilfully produced clean, efficient, and bug-free code for software development projects.*
- *Involved in analyzing existing workflows, designing RPA workflows using tools like UiPath and implementing automated processes to eliminate manual intervention.*
- *Involved in creating detailed technical documentation, and conducting comprehensive testing to ensure seamless integration with existing systems.*
- *Successfully automated report generation, data validation, resulting in significant time and cost savings for the organization.*

### Technical Intern July '19 – July '21 Ib Hubs

- *Trained by World-Class Instructors in Full Stack Development where we built Static, Responsive, Dynamic and React projects by integrating Front-End with Back-End.*

## EDUCATION

Rajiv Gandhi University Of Knowledge Technologies

2017 - 2021

*B.Tech - Electronics and Communication Engineering - CGPA - 8.50*