





# SIVA KUMAR VANTAKULA


## Front End Developer

 7032514136

 vantakulasivakumar@gmail.com

 www.linkedin.com/in/sivakumarvantakula

 https://sivakumar2605.github.io/Myprofile/

 Visakhapatnam

## SUMMARY

Enthusiastic and detail-focused software developer, skilled in front-end development. Experienced in creating user-friendly websites using HTML, CSS, javascript, and React Excited to bring creative solutions to a collaborative development team.

## SKILLS

HTML	CSS	JAVA SCRIPT	JQUERY	BOOTSTRAP	REACT JS	GIT	FIREBASE	REDUX
MATERIAL UI	JAVA	SQL						

## EDUCATION

### BTECH Mechanical Engineering

KITS ENGINEERING COLLEGE

 2019 - 2022  KAKINADA

### DIPLOMA

Sankethika polytechnic

 2014 - 2017  VIZAG

### Z P H SCHOOL ssc

 2014  VIZAG

## INTERNSHIP

### React Js Developer

Actimize Software Solutions

 01/01/2024 -30/06/2024  Rajahmundry

I recently completed a six-month internship as a React.js developer. During this time, I worked on developing and enhancing web applications using React.js, focusing on creating efficient and reusable components. I collaborated closely with cross-functional teams, contributing to various stages of the software development lifecycle. This experience deepened my understanding of state management, hooks, and modern front-end development practices, and further solidified my knowledge of agile methodologies and version control systems.

## PROJECTS

### Weather Forecast

My area of expertise is developing user-friendly interfaces that smoothly display the temperature, humidity, and airflow as well as other current weather variables, giving consumers instant access to reliable and current information. My commitment lies in creating user-friendly and captivating online applications that improve user experience and simplify the process of staying up to date with weather conditions.

• Technology Stack:

- HTML For structuring the content of web pages.
- CSS For styling and layout adjustments, ensuring a visually appealing design.
- Bootstrap: Utilized for responsive design, grid layout, and pre-designed components to streamline development and ensure compatibility across devices.
- JavaScript: Implements interactivity and functionality within the application.
- jQuery: Facilitates DOM manipulation and AJAX requests for seamless data handling.
- Fetch API and Axios: Leverage these technologies for efficient data retrieval and manipulation, ensuring a smooth user experience.

# PROJECTS

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## Real Estate Website

The Real Estate Website project aims to create a multipage website dedicated to showcasing properties, providing information about the company, and facilitating communication between potential clients and the business. The website will be built using HTML, CSS, and Bootstrap to ensure responsiveness and an appealing design across various devices.

- Technology Stack:

HTML For structuring the content of web pages.

CSS For styling and layout adjustments, ensuring a visually appealing design.

Bootstrap: Utilized for responsive design, grid layout, and pre-designed components to streamline development and ensure compatibility across devices.

JavaScript Optional): For adding interactivity, such as form validation or dynamic content loading.

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## Playo Website Clone

- I developed a Playo website clone, a platform for sports enthusiasts to find and book facilities, join events, and connect with other players. I implemented features such as user authentication, a dynamic and responsive UI, and a robust search and booking system. Additionally, I integrated real-time chat and efficient state management using Redux, ensuring a seamless user experience while working in an agile environment.

- Technology Stack:

HTML: Provides the structure and layout of the web page.

CSS Styles the UI for a visually appealing experience.

Bootstrap: Enhances CSS with prebuilt responsive design components.

React: Builds dynamic and component-based user interfaces.

Redux: Manages application state efficiently.

Firebase: Provides data storage and user authentication using email and Google.

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## FreshFruitMart

FreshFruitMart is a multipage web application tailored for a fruit e-commerce business. With a focus on design and user experience, this application is built using HTML, CSS, JavaScript, React.js, and React Router to provide seamless navigation between different pages.

- Technology Stack:

HTML Structures the content of each web page.

CSS Styles the user interface for a visually appealing experience.

JavaScript: Adds interactivity and functionality to the application.

React.js: Powers the dynamic rendering of components and ensures efficient state management.

React Router: Facilitates navigation between different pages within the application, providing a seamless user experience.

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## Crud using firebase and Redux

This project involves creating a web application that implements CRUD Create, Read, Update, Delete) operations using Firebase for the backend and React with Redux for the frontend. The application is designed to manage a collection of items, which can be anything from user profiles, tasks, notes, or products. The user interface will allow users to add new items, view a list of all items, update existing items, and delete items.

- Technology Stack:

HTML Structures the content of each web page.

CSS Styles the user interface for a visually appealing experience.

JavaScript: Adds interactivity and functionality to the application

React.js: Powers the dynamic rendering of components and ensures efficient state management.

Redux: Manage the application state using Redux for predictable state management.

Firebase Authentication: Handle user sign-up, sign-in, and authentication state persistence.

Firebase Fire store: Use Fire store as the database for storing and retrieving data in real-time.

## Tata CLIQ Web Application Clone

**Role:** Full-Stack Developer

**Objective:** To create a fully functional clone of the TataCliq web application to replicate its features and user experience.

### Tools and Technologies:

- **Frontend:** React, Material-UI
- **State Management:** Redux
- **Backend and Database:** Firebase

### Responsibilities:

- Developed the user interface using React and styled components with Material-UI for a responsive and visually appealing design.
- Managed state effectively across the application using Redux, ensuring seamless data flow and user interactions.
- Implemented Firebase for authentication, real-time database, and hosting services to ensure a secure and scalable backend solution.
- Created various components such as product listings, shopping cart, and user profiles, ensuring all functionalities matched the original TataCliq application.
- Integrated payment gateway and order processing features to mimic real-world e-commerce operations.
- Conducted thorough testing and debugging to ensure the application was free of bugs and provided a smooth user experience.

### Challenges and Solutions:

- **Challenge:** Ensuring real-time data updates and synchronization across different parts of the application. **Solution:** Utilized Firebase's real-time database capabilities and Redux for efficient state management.
- **Challenge:** Designing a responsive and consistent UI/UX across various devices. **Solution:** Leveraged Material-UI's responsive grid system and pre-built components for a uniform design across multiple screen sizes.

### Outcome:

- Successfully delivered a fully functional web application clone of TataCliq, replicating the original features and user interface.
- The project demonstrated proficiency in modern web development technologies and provided a comprehensive learning experience in building complex applications from scratch.

Visit: <https://sivatatacliq.netlify.app/>