



Shreyas Lakshman Swamy

Front-End Developer

Enthusiastic frontend developer with expertise in HTML, CSS, JS, ES6, React, Redux, Material-UI, Firebase, Git, and GitHub. Eager to showcase my skills and collaborate on impactful web projects.



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SKILLS

HTML

CSS

JavaScript

ES6

React.js

Redux

Material UI

Firebase

Git

GitHub

EDUCATION

Bachelor of Engineering

Vidyavardhaka College of Engineering, Mysore

08/2019 - Present

GPA 7.75

PROJECTS

Smart Waste Segregator Using IoT

- **Built a Website** for **monitoring Levels of Dry and Wet Waste** of our **Smart Waste Segregator** where the **waste level is detected** using the **IoT Circuit** which contains **IR Sensor, Inductive Proximity Sensor, Rain Sensor** and the **Waste Levels** are sent to the **Firebase Realtime Database** via a **Wifi Module** and their **levels are displayed on the website in real-time** and they are **segregated** via a **Servo Motor** into **different compartments** and once **either of the compartment levels are filled**, their **location data (latitude and longitude)** is sent to the **Website via the GPS Module** where it can be **viewed via Google maps**.

LinkedIn Clone

- **LinkedIn Clone** built using **React, Redux, Material UI and Firebase**. It has **Account Registration for New Users** and also **Login Functionality** via **Authentication Functionality of Firebase** and also user can **post text messages or images** via links. **Firebase Realtime Database** is used for **storing text**. **Authentication data** is stored inside **Cloud Firestore**. **Material UI Icons** are used on the Frontend and **Data** is accessed by **React Components** via **Redux**.

Twitter Clone

- **Twitter Clone** built using **React, Material UI and Firebase**. User can **post text messages or images** via links. **Firebase Realtime Database** is used for **storing text**. **Material UI Icons** are used on the Frontend. It also shows **What's Happening** via **Twitter Tweet Embed** and the it also shows the **Twitter timeline** via **Twitter Timeline Embed**.

Random Quote Generator

- **Random Quote Generator** built using **HTML, CSS and JavaScript**. A **Random Quote** is **fetched** via the **Quotable API** initially, and on each **"New Quote"** button click, a **New Quote** is **displayed**. This **Web Application** also has a **Speech to Text Converter** which when triggered, **converts the quote and author text into speech** using the **Speech Synthesis Utterance API**. The **Tweet Button** when triggered, opens a new browser tab with a **pre-filled Twitter tweet** containing the **quote text in the URL**.

Captcha Generator

- **Captcha Generator** For a **Sign Up Page** built using **HTML, CSS and JavaScript**. The **Captcha** is **generated** using an **Array of AlphaNumeric Characters** and **Randomly selecting 6 characters** and building the **Captcha** which is **displayed on a button Click**.

Netflix Clone

- **Homepage of Netflix** built using **React and TMDB API**. The **TMDB API** is used to **fetch Posters and Background Images of Different Movies and Shows** via the **Axios Library**. It has a **Banner** at the **top** which shows **Different Movies and Shows randomly** on each **Refresh** or **Render** of the **WebPage**. Whenever a **Movie or Shows Poster** is **Clicked**, the **Axios Library** is used to **fetch its Trailer** via the **TMDB API**. If the **Trailer is successfully fetched** then it is **played via Youtube**, else not. If we **click on a Different Banner**, the **Youtube Window** is **closed** and the **New Trailer** is **played** if **fetched successfully**.

Zomato Clone

- **Zomato Homepage** built using **HTML and CSS**. **Icons** are **fetched** using **Font Awesome CDN** and **Images** via **Zomato CDN**. It has a **Search Bar** and also shows **Popular Localities in and around Bengaluru** which **order food via Zomato**. It also shows **different options** such as **Order Food Online, Dining Out, NightLife and Club**.