**PROJECT TITLE: NETFLIX CLONE**

**Project Description:**

This application (a Netflix clone) was built using React (Custom Hooks, Context), Firebase & Styled Components. I have built the following pages within this application: sign in, sign up, browse & lastly the homepage. There are four different pages, some using protected routes with auth listeners. Firebase firestore handles all the data and that data is retrieved using a custom hook; authentication is used on all pages, which is handled by Firebase as well.

I used compound components (just a design pattern) to build my components, and there's over 10 examples as to how these are used. The styling is all handled via styled components. Using compound components made my actual dumb components really easy to test.

**Tech-Stack used:**

* HTML 🡪 Made the structure of the website by identifying the appropriate elements required.
* CSS 🡪 For designing the pages, making the web pages responsive.
* JAVASCRIPT 🡪Adding interactive behavior to web pages. Also search engines , responsive design is possible with the help of JavaScript
* REACT 🡪Building user interfaces specifically for single-page applications. It's used for handling the view layer for web and mobile apps. React also allows us to create reusable UI components.
* FIREBASE 🡪Real-time Database Helps to Store and Synchronize Data and also it provides Email Authentication.
* NODE JS 🡪 used for non-blocking, event-driven servers, due to its single-threaded nature. It's used for traditional web sites and back-end API services

**Repository link:** https://github.com/syedaffu123/neflixclone1248

**Website link:** https://netflix1248.herokuapp.com/