

# S Jegatheeswaran

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## Professional Summary

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An experienced and highly motivated freelance frontend developer with a strong passion for learning and building websites that provide a great user experience.

## Education

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**Bachelor of Systems Engineering  
(Electromechanical Systems)**

Sep 2017 – Oct 2021

Singapore Institute of Technology (SIT)

## Experience

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**Freelance**

May 2021 - Current

Frontend Software Engineer

- Engineered scalable, responsive, multi-platform and SEO friendly websites for multiple clients using HTML5, CSS3 + BEM, Tailwind, JavaScript ES6+, React and NextJS best practises
- Communicated business requirements with stakeholders and delivered high quality solutions
- Connected to backend API's through Axios CRUD HTTP requests

**Self Employed**

Dec 2021 - Current

Programming Tutor

- Tutored clients HTML, CSS, Flexbox and JavaScript best practises
- Simplified difficult programming concepts including responsive website development, CSS layout, Promises and API requests
- Taught debugging best practises using Google Chrome inspect element tooling
- Provided website UI designs to 1:1 and reviewed code through weekly code reviews

**Network System Software Developer**

Jan 2020 – Dec 2020

ST Engineering Electronics (Satellite Communications)

- Programmed Ethernet module for iDirect modem to be used in Man-Pack Satellite Antenna using APIs like Libcurl and cJSON.
- Fetched data from satellite and processed the data using C++ to be used in Android app for army personnel to access satellite gps coordinates and services for navigation.

## Projects

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### Personal E-Portfolio

<https://siegatheeswaran.com/>

- My personal website highlights my programming skills and also contains the source code and website links for all my projects listed below.

### Social Media App (Twitter Clone)

<https://twitter-clone-jet-psi.vercel.app/>

- Implemented Sanity database for user tweets and comments. Fetched data from Sanity database to show feed using SSR (Server-Side-Rendering).
- Implemented Twitter sign-in user authentication using NextAuthJS to display users' name and profile picture on Tweets and comments.
- Implemented posting Tweets and commenting functionality and stored user generated data in Sanity.
- Built fully responsive social media app using React, TypeScript, NextJS, Tailwind CSS best practices.

### E-Commerce Crochet Store

<https://libraryreactapp.herokuapp.com/>

- Delivered "Interlock" start-up business their website in 7 days using HTML5, CSS3 (+BEM) and JavaScript best practises.
- Provided support for search engine optimisation for higher indexing through Google's search engine crawler
- Implemented products navigation and details as well as filter system to sort products by price and rating.
- Included SEO, responsive, multi-platform and hosting support, enabling their business to be viewed by any client in the world.
- Designed, developed and hosted client's fully responsive e-commerce website using React, JavaScript, HTML, CSS best practices.

### Motorbike Rental Website

<https://gomoto-rental.vercel.app/>

- Delivered "GoMoto" start-up business their website in 7 days using HTML5, CSS3 (+BEM) and JavaScript best practises.
- Improved their website performance by compressing, caching and lazy loading images and components
- Implemented filter system to sort motorbikes based on different categories.
- Included SEO, responsive, multi-platform and hosting support, enabling their business to be viewed by any client in the world
- Designed, developed and hosted client's fully responsive rental booking website using React, NextJS, Tailwind CSS best practices.

## Netflix Clone

<https://netflix-clone-7cdf9.web.app/>

- Fetched data from TMDB API to allow users to see current movies/TV shows based on categories.
- Implemented movie trailer functionality using Youtube player and data fetched from TMDB API.
- Implemented email Sign-In user authentication using Firebase.
- Implemented choosing plan and payment gateway using Stripe payments and Firebase.
- Created fully responsive movie app using React, Redux, JavaScript, HTML, CSS best practices.

## Search Engine

<https://google-clone-six-mu.vercel.app/>

- Fetched data from Google Search API to get results based on user input using SSR (Server-Side-Rendering)
- Implemented Light and Dark mode.
- Implemented pagination.
- Built responsive google clone using React, NextJS, Tailwind CSS best practices.

## Technical Skills

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**Proficient:** Html5, CSS3 (BEM), JavaScript ES6+, React (+hooks), NextJS, Tailwind, npm, Git, GitHub

**Familiar:** Redux, SASS, Yarn, React dev tools, TypeScript

## Referees

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Available upon request.