

Daniel Li

Full-Stack Web Developer

Web developer with a background in engineering. Employs analytical thinking and problem solving skills to design responsive web apps from the frontend to backend. Ready to find unique solutions to my client's needs.

Work Experience

Structural Designer

JUN 2014 - DEC 2022

BP Consulting Engineers, Inc. - Los Angeles

- Using technical programs, expected loads and forces are calculated to determine optimal design structure that meets safety requirements while being cost-effective for the client.
- By streamlining the design process, development time was reduced by more than 50%.
- In addition, produced city-approved construction documents for the project using the latest drafting technologies.
- Able to learn and integrate new drafting programs into company workflow seamlessly with quick turnaround time.

Projects

Spoiler Alert [↗](#)

FEB 2023 - APR 2023

- Allows users to search for a movie by name and returns its plot summary.
- Movie card data and images collected from TMDb API and the plot is retrieved from the Wikipedia API and edited using RegEx.

Shopaholic [↗](#)

MAY 2023 - JUL 2023

- An e-commerce website with functional product filtering, searching, sorting and shopping cart.
- Firebase Cloud Functions are used to call the Stripe API to process credit card payments and Firebase database is used to store records of previous orders

myFlix & Movie API [↗](#)

APR 2023 - JUL 2023

- Provided data about movies, directors, and genres while also allowing users to create a profile, edit their profile, and save their favorite movies.
- It was developed alongside a Movie API responsible for authentication, data validation, and retrieving stored data in a MongoDB database and returning the data to the client.
- The front-end side is styled using Bootstrap preset classes
- React Redux is used to store current user information and list of movies retrieved from the Movie API.

Chat

JUL 2023 - AUG 2023

- A mobile messaging app that allows users to sign-in and send text messages, audio clips, images, as well as, send their current location to other users.
- Firebase is used to save the data and React Native is used to optimize the app for mobile devices by allowing it to access the device's built-in views.
- Expo is used to test the functionality of the web app on mobile devices.

Contact

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Skills

Front-End

- HTML
- CSS, Sass
- Javascript, Typescript
- jQuery, Bootstrap
- React, React Native, React Redux
- Angular
- Python, Django

Back-End & Testing

- NodeJS, Express
- MongoDB, PostgreSQL
- AWS, Google Firestore
- Heroku, Netlify
- Git, Github
- Postman, Android Studio
- Enzyme, Jest, Puppeteer
- SCRUM

Education

CareerFoundry

Full-Stack Web Development

Software Engineering

JAN 2023 - PRESENT

UC San Diego

Bachelor of Science

Structural Engineering

SEPT 2009 - SEPT 2013