# ISAAC LAL

## WEB DEVELOPER

I am looking to be a part of the process of making beautiful, responsive, and functional websites. Having products that ship, scale, and deploy to serve users the best experience possible is an amazing feeling that I love. I am learning every single day to improve my skills because I believe that a website can always be better. With the belief that my work ethic and dedication can lead to something great, I am hoping to deliver that same experience with you.

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## SKILLS

### Front-End
- HTML ★★★★★
- CSS ★★★★☆
- JavaScript ★★★★★
- React ★★★★★
- Redux ★★★☆☆
- Next.js ★★★★☆
- Tailwind CSS ★★★★☆
- TypeScript ★★★★★

### Back-End
- MongoDB ★★★★☆
- ExpressJS ★★★★☆
- Node.js ★★★★☆
- RESTful APIs ★★★★☆
- Prisma ★★★★★
- Firebase ★★★★★

### Tools
- Git ★★★★★
- Vercel ★★★★★
- Visual Studio Code ★★★★★
- MacOS ★★★★★

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## EDUCATION

### Hunter College
Bachelors Degree in Computer Science
- Learned about Data Structures & Algorithms as well as Object Oriented Programming.
- Took Web Development electives to learn the basics of HTML, CSS, and JavaScript.

### Udemy Web Dev Courses
Certificate of Completion
- Learned about JavaScript from Jonas Schmedtmann through *The Complete JavaScript Course 2023: From Zero to Expert!*
- Learned about React from Maximilian Schwarzmüller through *React - The Complete Guide (including Hooks, React Router, and Redux)*
- Learned about Node.js from Maximilian Schwarzmüller through *NodeJS - The Complete Guide (MVC, REST APIs, GraphQL, Deno)*

## EXPERIENCE

### Web Developer Trainee
Netflix + Formation                    March 2023- August 2023
- Learned about ReactJS and all hooks, including React Router V6, components, packages, and TypeScript TSX.
- Utilized ExpressJS to build RESTful APIs and manage data, as well as MongoDB as a NoSQL database for data.
- Introduced to the MERN stack often used with Full-Stack development and understood advanced concepts.
- Continued mastering Data Structures & Algorithms consisting of binary search trees, graphs, stacks, and queues.
- Conducted mock tech interviews to analyze the personal development needed for feedback to improve.

### Web Developer Intern
Goldman Sachs                    February 2023 - March 2023
- Applied to the 2023 Possibilities Summit with a referral that later translated as an offer to join as an intern on the front-end team.
- Utilized React for designing aspects of the user interface, TypeScript for functional components, and OpenAPI.
- Experienced professional development that took place in form of a collaborative meeting with many senior and junior developers.

### Web Developer Intern
S&P Global                    December 2022 - January 2023
- Utilized TypeScript and TSX syntax for React components while understanding React DOM and how to control mutability of HTML elements within a Vite React application.
- Built a messaging platform in React using Node.js to manage backend API calls and MongoDB as the NoSQL database to store information.
- Fetched API requests using Axios and introduced to ExpressJS that allows for the creation of RESTful APIs.

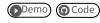### Web Developer Student
CodePath                    August 2022 - December 2022
- Introduced to React for the first time as a member of the WEB 102: Intermediate Web Development program.
- Utilized React Router to implement client and server-side routing and navigation through links.
- Applied Node.js and MongoDB as components needed to store data and call for a to-do list project.
- Managed state of application in React to observe whether an entry had been checked off and completed or still in progress for the create-react-app to-do list.

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## PROJECTS

### Portfolio Website                    ▶Demo  ⚙Code
- This is my professional portfolio that lists my background, my skills, my projects, and a contact form in a nicely designed layout.
- Technologies utilized: React, NextJS, TailwindCSS, and TypeScript.

### To-Do List                    ▶Demo  ⚙Code
- This is my to-do list app that keeps track of the state of tasks. The app can allow for editing tasks and deleting them through hooks and props.
- Technologies utilized: React, Vite, TailwindCSS, Node.js, and TypeScript.

### Weather App                    ▶Demo  ⚙Code
- This is my weather app that fetches data from OpenWeatherMap API to display the current weather conditions in your area.
- Technologies utilized: React, Vite, TailwindCSS, TypeScript, and OpenWeatherMap API.

### Messaging App                    ▶Demo  ⚙Code
- This is a realtime messaging app that allows many different users to communicate with each other. Features secure Google authentication login to use your own account to chat with others.
- Technologies utilized: React, Vite, TailwindCSS, TypeScript, REST APIs, and Firebase.