

Joseph McGreene

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I'm searching for a front-end or full-stack development role in which I can contribute to solving the generation-defining problem of climate change.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, Node.js, HTML5, CSS3, Java

Libraries: React, Redux, MUI, SCSS, Bootstrap, Express.js, MongoDB, Three.js

Other Tools/Knowledge: Git/Github, npm/CLI tools, Webpack, HTTP, JSON, SOLID, OOP, WCAG 2.1 (A & AA), REST APIs, OAuth2.0/passport.js, responsive design, cross-browser compatibility

EXPERIENCE

Full Stack Developer, Advizot, LLC

Feb 2022 - Present

- **Tech Stack:** HTML, JavaScript, React, Redux, React-Router, CSS (Scss), Node + Express.js, MongoDB
- Developing a full stack web application that captures 100+ users' answers to monthly survey questions to be easily displayed and utilized during member meetings, leverages React and Formik to structure the interface and display the users' inputs on a central projection, storing user statistics on a MongoDB database using a NodeJS server in order to be referenced and scalable for the purposes of long term professional coaching and data analysis
- Updated the layout of Advizot's existing website with its content management system. Thus far I've improved performance 19%, given it WCAG AA accessibility and made it responsive, and implemented several cross-browser compatibility measures

Web Development Mentor, OpenClassrooms

Oct 2022 - Present

- **Tech Stack:** HTML, CSS, SCSS, JavaScript, React, Redux, Node + Express.js, Git
- Guide 5+ students at a time through project-based lessons in web development and assess their progress and readiness to advance to new skills
- Provide basis of understanding for industry best practices and basics of front end technologies, including HTML, CSS Flexbox and responsive design, ES6 DOM manipulation and data structuring, Express.js routing and user auth, REST APIs, React basics, and Git basics

PROJECTS

D&D Monster Guide: [Live Project](#) / [GitHub](#)

Summer 2022

- **Tech Stack:** JavaScript, React, CSS (SCSS), D&D 5th edition REST API
- Designing and building a performant and lightweight guide for referencing and researching Dungeons & Dragons monsters, reducing the time it otherwise takes to research monsters by up to 50%
- Tested and iterated with the assistance of end-users to optimize the quality of the UI/UX, pivoting quickly to adopt necessary QA improvements and bugfixes
- Built from the ground up to be responsive and accessible, being mobile-first in conception and adhering to WCAG A & AA standards

Dungeons & Randos: [Live Project](#) / [GitHub](#)

Summer 2023

- **Tech Stack:** TypeScript, React, Sass, D&D 5th edition REST API
- Creating a new D&D character is time-consuming and often difficult. And when a group starts as many campaigns as mine does, I didn't want to have to spend 4 hours creating a new character. Instead I used that 4 hours to make an app that rolls dice and generates most aspects of a random character for me.

TRAINING & EDUCATION

Climatebase Fellow, Climatebase

Sept 2023 - Dec 2023

Front-End Web Development Program Graduate, Treehouse

April 2020 - Aug 2020

- <https://teamtreehouse.com/profiles/josephmcgreene>
- Provided basis of understanding for computer science fundamentals, front end basics, and industry best practices

Dual B.A., Psychology and Music Theory & Composition, The College of Idaho

Sept 2011 - May 2015