Sidney Brown

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SKILLS

Languages: JavaScript | TypeScript, Python
Front-End: React, Redux, HTML5, CSS3, Sass, TailwindCSS, Chakra UI, Bootstrap
Back-End: Node.js, Express, PostgreSQL
Technologies: AWS (S3 | CloudFront), React-Router, RTK Query, React Testing Library, Jest, Git, Google Maps API, GIMP

WORK EXPERIENCE

Software Engineer   April 2021 – Present
OCV, LLC   *Auburn, AL*

- Develop and maintain reusable web components for an in-house component library using TypeScript, React, and TailwindCSS
- Build websites for clients using the aforementioned component library and host them using Amazon Web Services (AWS S3 | AWS CloudFront)
- Perform regular upkeep of all client websites, synchronizing their library version and fulfilling any change requests
- Mentor interns, teaching them common web practices and helping them acclimate to our web development process

Web Developer   April 2019 – May 2020
Center for Advanced Vehicular Systems   *Starkville, MS*

- Created over 12 new web pages and redesigns of existing web pages using HTML5, CSS3, JavaScript, jQuery, Bootstrap, and PHP
- Produced an employee directory rendered dynamically with JavaScript, PHP, AJAX, and SQL
- Developed an interface to allow Staff to create and remove employees from a Research team with JavaScript, PHP, and AJAX
- Implemented W3C WAI accessibility standards to improve user experience and SEO

EDUCATION

Mississippi State University   Starkville, MS
Bachelor of Science in Computer Science   *May 2020*

PROJECTS

Quizler | Demo

- Developed a multi-page app that allows users to take short quizzes on a variety of topics using React and Chakra UI for the user interface, Redux Toolkit for state management
- Dynamically retrieved quiz questions and answers asynchronously from OpenTriviaDB API using RTK Query
- Implemented optional categories, difficulties, and question types to offer user a variety of quiz questions
- Used React Router v6 to allow pages of the app to be directly accessible by URL

To-Do App | Demo

- Developed a single page To-do application using React, Express, Node.js and PostgreSQL
- Created a REST API using Node.js and Express that allows users to add, update, delete, and view items on the list
- Items are passed from React through the Node.js REST API and stored in a PostgreSQL database
- Hosted the entire application on Heroku