Kyle Sexton

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FRONTEND SOFTWARE ENGINEER

Software Engineer with 1.5 years of Frontend Engineering experience working with React and Typescript to build scalable, maintainable, and intelligible applications.

TECHNICAL SKILLS

- **Proficient** - JavaScript, Typescript, CSS, HTML, React and React Core Concepts, Material-UI, Formik/Yup, Jest/ReactTesting Library, REST API, React-Intl, React Animation Libraries, Git, Agile
- **Familiar –** GraphQL, Next Js, CORS, Lerna, Launch Darkly
- **Interested** –PWA, AWS Services and Cloud Infrastructure, Relational/Non-Relational databases

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EXPERIENCE

WARE2GO // Frontend Engineer // September 2021 – March 2023

- **Position** – Actively contributed as a member of the frontend team in developing warehouse management and fulfillment software
- **Role** – Collaborated within an agile squad to deliver features on a three-week cadence
- **Experience** – Enhanced existing monorepo features, constructed new monorepo package, delivery of independent application utilizing existing product infrastructure
- **Contributions** – Architected and delivered components widely utilized across the repository, successfully integrated the application with third-party printing utilities and scalable hardware, performed a significant refactor of large-scale legacy code

SELF-EMPLOYED // Software Engineer // OCTOBER 2019 – SEPTEMBER 2021

- **Make a Plan** - Constructed a learning plan for full career path transition in less than 2 years
- **Learn Fundamentals** - Completed Georgia Tech Coding Bootcamp Fall 2021
- **Get Certified** - Completed FreeCodeCamp curriculum for Responsive Web Design, JavaScript Algorithms and Data Structures, and Front-End Libraries
- **Get Involved -** Enrolled in local React ATL meetup group and 404 Tech Slack channel to ensure increase network and promote continuous personal growth through peer collaboration
- **Make a Product -** Made from scratch and deployed an active client website

JACOBS/CH2M // Geologist II // JULY 2017 – OCTOBER 2018

- **Position** - Conducted comprehensive geotechnical investigations, including site characterization, soil sampling, and groundwater monitoring, to support engineering and construction projects
- **Cost Efficiency** - Increased site visit efficiency by improving data collection logistics
- **Expand In-House Tools** - Saved project cost by learning formerly subcontracted field work and office GIS services
- **Flexibility** - Mentored new staff on field practices, collaborated with both public and private clients, contributed to both municipal and federal projects

Projects

Hiropes Boulder Buddy // hiropes.info // **github.com/sxtnkyl/hiropes**

- **Description** - AWS powered tool for providing a structured routine, documentation, and visualization of rock climbing progression
- **Technical Focus** – Apply enterprise level infrastructure which includes prod/dev pipelines and releases, commit linting and feature branch merging review standards, build checking, and scalable code practices
- **Solutions** -
  - Leveraged Nextjs to build a high-performance frontend with server-side rendering (SSR) capabilities, resulting in improved initial load times and SEO optimization
  - Utilized AWS Appsync for efficient GraphQL data fetching and real-time data refresh with subscription updates
  - Implemented user authentication using AWS Cognito, ensuring secure access and authentication flows for the application's users
- **Tools** – React, Nextjs, AWS Amplify, GraphQL

TAILSWAG DOG TRAINING // master.dmv0amx140mtx.amplifyapp.com // **github.com/sxtnkyl/tailwag**

- **Description** - Client landing page for a local canine training business
- **Technical Focus** – Customer engagement, Google Lighthouse Metrics, Versioning control
- **Solutions** -
  - Applied Material UI design documentation and theming to increase use engagement and ease of navigation, leading to more time spent on the webpage
  - Performed cross-browser CSS testing to improve UI/UX consistency
  - Improved performance, accessibility, SEO, and best practices with Google Lighthouse Metrics
  - Maintained production and dev branches for version control, while client revisions and requests were integrated
- **Tools** - React, Framer Motion, Material UI, Node.js, AWS Cloud Service

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EDUCATION

Georgia Tech // Atlanta, GA // **2021**

- **Georgia Tech Coding Bootcamp** – Intro to programming and full-stack web development

UNIVERSITY OF FLORIDA // Gainesville, FL // **2009-2013**

- **B.S. Geology** - Minor in Geographic Information Systems
- **Field Researcher** - Data Collection and GIS Analyst 2012-2014