Kyle Sexton

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JUNIOR SOFTWARE DEVELOPER

Junior Software Developer 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, Relational and Non-Relational databases, CORS, Lerna, Launch Darkly
- **Interested** – Next Js, PWA, AWS Services and Cloud Infrastructure

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EXPERIENCE

WARE2GO // Frontend Engineer // September 2021 - PRESENT

- **Business** – Frontend team member, building warehouse management and fulfillment software
- **Role** – Contributes to agile squad by delivering features on a three-week cadence
- **Experience** – Improving existing monorepo features, constructing new monorepo package, delivery of independent application utilizing existing product infrastructure
- **Contributions** – Architecture and delivery of repo-wide utilized components, app integration with third-party printing utilities and scale hardware, large scale legacy code refactor

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

- **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

URL SHORTENER 2020 // hiropes.info // **github.com/sxtnkyl/url2020**

- **Description** - AWS powered tool for shortening URLs into six-character codes
- **Technical Focus** - Understanding and building complex full-stack architectures with Node.js and AWS, functional integration of cloud services, security practices
- **Solutions** -
  - Cloudfront was chosen over simple S3 hosting to handle requests at edge locations, as well as handle caching and provide extra separation of http requests and cloud services
  - IAM policies were utilized to handle CORS across cloud services to assure internal services are restricted to only their designated functions
  - HTTP-API was selected over REST API for custom domain support, simpler CORS integration
  - Lambda handlers were the best option as an abstraction layer to write or find data in DynamoDB
  - CloudWatch provided logs for troubleshooting and setting cost alarms to stop unforeseen costs
- **Tools** - React, Node.js, AWS Cloud Services, CORS policy

TAILS WAG DOG TRAINING // tailswagatlanta.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