

SKILLS

PROGRAMMING LANGUAGES: Javascript, HTML, CSS, SASS, Python, SQL

TECHNOLOGIES: React, Redux, Node.js, Express, Knex, React Testing Library, SQLite3, PostgreSQL, MongoDB, OAuth2/Okta, JWT, Docker, Flask, Next.js

RELEVANT EXPERIENCE

Lilius, Inc**Full Stack Engineer**

Remote from Laurel, MD

July 2020 to Present

SAAS platform in the field of Data Analytics.

Frontend: Javascript | HTML | SASS | React | Recoil | D3 **Backend:** Typescript | Node.js | Express | RavenDB | Stripe

- Directly responsible for implementing D3 to allow complex data to be easily digested by users.
- Utilize problem solving to mitigate expensive data requests, allowing for more responsive application.
- Collaborate with CTO to implement Stripe to ensure fast and secure payment processing for customers.
- Analyze and review code to ensure efficient, well written, and reusable code.

PROJECTS

TeamReel

Apr. 2020 to June 2020

Full Stack Engineer

An application designed to make user's more comfortable with receiving feedback on interviews.

Javascript | React | Redux | Node.js | Express | PostgreSQL | Knex | Okta/OAuth2 | Ant Design | FFMPEG | AWS

- Collaborated with a team of Data Scientists and iOS developers to build a fully functional, web and mobile application, utilizing video analysis in two months.
- Individually created the infrastructure for front end authentication and backend token validation using Okta API's and OAuth2. Mentored colleagues on Okta implementation.
- Solely responsible for implementing front end graphic visualization of feedback, provided by both users and machine learning, using ChartsJS and AntDesign.
- Collaborated with Data Science team to build a pipeline utilizing FFMPEG, S3, SQS, and SNS to efficiently handle video upload, formatting, and analysis.

Sort Visualizer

Sept. 2020 to Sept. 2020

Frontend Engineer

Designed to help visualize the classic sorting algorithms.

Javascript | React | HTML | SASS | Material-UI

- Developed in less than a week facing numerous technical obstacles and unforeseen issues.
- Implemented complex state manage to allow for visual representation of classic sorting algorithms.
- Utilized React and Javascript to construct intricate DOM manipulations for visual effects.

Sleep Tracker

Apr. 2020 to Apr. 2020

Full Stack Engineer

Application designed to help users track their sleep patterns and find optimal time spent sleeping.

Javascript | React | Material-UI | Charts.js | Node.js | Express | PostgreSQL | Knex | Heroku | Google Auth

- React/Redux used for front end and state management.
- Recharts used to visualize user's sleep records for specified dates.
- Postgres for RDBMS, Knex for query builder, backend deployed to Heroku.
- Google OAuth used to streamline registration/login process.

EDUCATION

Lambda School

Jan. 2020 to Sept. 2020

Full Stack Web Development & Computer Science

Lambda School is a 9+ month accelerated program with an immersive (full-time, 40+ hours/week) hands-on curriculum with a focus on computer science, software engineering, and web development.