Songa Mugenzi

Full-Stack Web Developer

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Skills

HMTL | CSS | JavaScript | React.js | Next.js | Python | Node.js | Express | Rest | APIs | Postgresql | Deployment | Figma

Experience

Full-Stack Developer — Remote
CitySpire — Jan 2021 - Mar 2021
A platform that helps you analyze city data and other socio-economic metrics before the big move
- React.js | Redux | Node.js | Mapbox API | PostgresAdmin | Docker | Agile | Ant Design
- Architected and developed the database and model needed to get, add and delete the user's favorited cities
- Integrated the Mapbox search API to create an interactive city search and display page
- Implemented back-end Jest unit testing reaching 85% test coverage

Team Lead — Remote
Lambda School — Jun 2020 - Jul 2020
A 9 month coding bootcamp with a focus on computer science, web development, and data science
- Mentored 8 students for 4 weeks following the Agile methodology using Trello for project management
- Held daily one-on-one meetings with each student to review code, offer feedback, and overcome blockers
- Led daily standup meetings to share student work progress and participate in live group debugging
- Incorporated design workshops to improve students' visual design skills

Projects

Front-End Developer - Wildfire Tracker
[App](#) | [Repo](#)
A web application that visualizes ongoing wildfires across the globe
- React.js | EONET NASA API | Google Maps API
- Incorporated NASA's Earth Observatory Natural Event Tracker to access metadata about natural events
- Modified Google Maps to visualize the incoming data in an easily readable and digestible format for users

Front-End Developer - Covid-19 Tracker
[App](#) | [Repo](#)
A web app tracking Covid-19 statistics about confirmed cases, recoveries, and deaths across the U.S and globally
- React.js | covid19.mathdro.id API
- Mapped incoming API data to line and bar charts in order to visualize the coronavirus statistics by category
- Showcased corresponding data either globally or by country using a country picker dropdown

Education

Lambda School - Full-Stack Web Development Certificate — Apr 2020 - Mar 2021
Lambda School - User Experience Design — Sep 2020 - Apr 2020