Radiator Labs
63 Flushing Ave, Unit 286, Brooklyn Navy Yard, Bldg 292, Suite 409a, Brooklyn NY 11205

Role: Front-end Developer

About Us:

Radiator Labs is an energy management and electrification platform for radiator-heated buildings. We are a Brooklyn based startup working to solve a 100-year-old problem: the lack of comfort and efficiency in buildings with steam heat. Our technology is the recipient of multiple awards including the MIT Clean Energy Prize, NYC Department of Buildings Carbon Neutrality Innovation Challenge, the Popular Science Invention Award, Architizer A+ Award, the 1776 Challenge Cup, the Exelon's 2c2i initiative and we are part of inaugural Clean Fight 2020 program.

Every year, millions of dollars are wasted and pollution needlessly generated as people open the windows of their sweltering steam-heated apartments to cool off in the winter. Radiator Labs is solving this problem using custom hardware, sensors, building-wide IOT networks, and data science. Our retrofits for steam-heated buildings have already been certified to save an average of 25% on heating costs. We are rapidly expanding our operations.

Our technology treats entire buildings as single systems that react dynamically to changes in weather, heat availability, and other factors to ensure the comfort of people who live and work in them. We rely on Elixir/OTP as our central nervous system, processing, routing, and analyzing the constant deluge of data arriving from our fleets of connected devices in near real-time. We use Phoenix as our web interface and are looking to use Phoenix Liveview to display more near real-time information.

Job Description:

You would help us create appealing UI/UX designs to allow us and our customers to understand and interact with building heating data in real-time. Some of the applications you would be creating interfaces for include:

- Customer-facing dashboards that display building temperatures over time organized by floor, apartment, room, and radiator
- Internal-facing dashboards that monitor network health and allow us to quickly diagnose problems as they come up in real time
- Customer-facing apps that allow tenants to thermostatically control the temperature of their homes
- Apps that allow us to quickly and accurately record information in the field as we survey potential installations, install new hardware, and perform maintenance on existing installations
- Probably more as they come up

We rely on Elixir, and by extension the BEAM and OTP to quickly and efficiently process the constant deluge of incoming sensor readings from our fleet of sensors. We're looking to leverage Phoenix and particularly Phoenix Liveview to display incoming data in real-time to ourselves and our customers.

We are a small team with a diverse set of responsibilities and backgrounds. We're looking for candidates who are confident in themselves and their work, but also humble enough to work on things that may be a little outside their job description at times. It's not uncommon to find ourselves helping out during an installation moving radiator covers, or fumbling with wires in the sweltering boiler room of a midtown apartment building. We enjoy learning about and sometimes visiting old buildings in (mostly) New York City and beyond.

It's a unique thrill knowing the data point that just arrived came from a device you yourself may have built or even installed.

Qualifications:

- Strong understanding of web markup, including HTML5 and CSS3
- Proficiency with server-side CSS pre-processing like LESS and SASS (we're using PostCSS along with webpack)
- Strong proficiency in client-side scripting and Javascript frameworks
- Experience with Alpine.js or Vue.js preferred
- Some experience with Reactjs preferred, but not required (we have some legacy apps we're looking to migrate off)
- Comfort working in Linux, at the command-line
- Experience with version control (we use git)
- Proficiency with the text-editor of your choice
- A portfolio of work you're proud of

To Apply: Please send a resume or LinkedIn profile link and a brief introduction to jobs@radiatorlabs.com with the subject "Front-end Developer"

The successful applicant will be selected based upon their qualifications for this position and without regard to the applicant's race, color, ethnic or national origin, religion, creed, age, disability, sex, sexual orientation, gender identity or expression, pregnancy, marital or partnership status, citizenship or alienage status, veteran status, whether children are, may be or would be residing with a person, or any other characteristic protected by law.