**Frontend Engineer**

Titan Advanced Energy Solutions, headquartered in Salem, MA, develops revolutionary, ultrasound-based battery cell inspection systems. Using non-destructive, high-resolution, high-speed ultrasound technology, Titan’s IonSight analyzes cell morphology to detect critical manufacturing anomalies, directly addressing safety concerns and in-field risks. The novel in-line technology integrates into existing cell manufacturing processes to decrease the cost of quality, accurately classify cell quality grades, and evaluate lifetime performance and safety characteristics.

Titan’s innovative strides have been recognized with numerous awards and funding from top clean energy programs and institutions, including Greentown Labs, the Massachusetts Clean Energy Center (MassCEC) and the Department of Energy. Growing and poised to continue this positive momentum, this is an exciting time to join the Titan team!

Reporting to the VP of Engineering, you will work closely with engineering, as well as product and marketing to deliver beautiful, functional user experiences. We are looking for an independent thinker who is highly self-motivated, driven to achieve goals, team-oriented, and passionate about delivering mission critical software solutions to our growing customer base. The ideal candidate will have experience developing data driven interfaces using modern frameworks and tooling. A successful candidate for this role will have experience or a solid understanding of how to deliver customer-facing operational analytics and data visualization front-end securely over the public internet.

**Duties and Responsibilities**

* Work closely with marketing, product functions to implement user stories
* Integrate with user interfaces back-end data systems
* Implement performant, configurable, testable, and secure front-ends via Typescript and React
* Clearly communicate with and provide code reviews for team members
* Write regression tests using Playwright

**Required experience in most or all the following:**

* Minimum BS degree in relevant technical field
* 3+ years designing and developing component
* Solid grasp of modern component-based frameworks
* Experience with visualization frameworks including VisX or D3
* Working knowledge of AWS with a focus on client-side infrastructure
* Expert level React and Typescript experience
* Some experience with Remix or other SSR frameworks

**Personal Values:**

* Bias to action, self-motivated and entrepreneurial spirit
* Attention to detail, effective time management, and pride in work
* Dependable, trustworthy, empathetic & full of integrity
* Strong collaborative communication skills; able to build consensus internally and externally