



## Software Engineer - Data Platform

**Who we are:** In order to decarbonize the grid, the world needs better carbon data and analytics. To support this mission, [Singularity Energy](#) is building the world's highest quality view of historical, real-time, and forecasted grid carbon emissions. Today, grid carbon data is siloed, outdated, and lacks spatial and temporal granularity, and with new climate pledges and decarbonization plans being announced every day, there is a tremendous need to get the underlying data right. We started by launching a data and analytics platform (with 1B+ data points and growing) that helps companies build carbon-aware products, and we're looking to grow our team in order to improve the sophistication of our offerings and expand our capabilities to become the 'carbon intelligence layer' for grid operators, utilities, companies, and service providers to build data-driven decarbonization solutions.

**About the role:** We're looking for a software engineer to help our team lead the energy revolution. You will be working with other engineers, data scientists and business leads to understand and build products with high customer value. You'll help guide best practices in the engineering team while helping the company hit pivotal milestones. You will primarily be working with large data sets as they pertain to our system's products and customer deliverables.

### Technologies we use:

#### *Applications*

- Python (Flask framework)
- React & Redux
- JavaScript & Typescript
- Elixir (Phoenix framework)

#### *Data processing*

- Pandas
- AWS Lambda
- NeuralProphet
- Airflow

#### *Infrastructure*

- AWS
- Sentry
- GitHub
- Unix
- PostgreSQL

### Expectations:

#### What you can expect from us

- **Competitive compensation + benefits:** \$110K-\$140K plus 0.02-0.2% equity; pay will depend on experience
- **Benefits:** medical, dental, vision, life, 401K
- **Flexible hours:** unlimited vacation, work from home and sick time
- **Career growth:** you'll be joining a small, high-caliber, and flat team, with unlimited

#### What we will expect from you

- **Mission driven:** you believe that climate change is the defining challenge of our generation and that tech must be part of the solution
- **Independent:** you are an independent self-starter who loves to learn and apply new knowledge to build products that delight customers
- **Customer focus:** you believe that delivering customer value is the best route to building a

- contribution and growth opportunities
- **Exciting mission:** we're doing this to help solve climate change
- **Collaborative:** you thrive on working with others to deliver products and are comfortable giving & receiving feedback

**Qualifications:**

- 3+ years delivering high quality software
- Proven track record of delivering on a deadline
- Experience working on multiple parts of the stack (backend, databases, devops, machine learning, and/or data analysis)
- Excellent written and verbal communication

**Optional qualifications:**

- Data engineering tools experience (e.g. Airflow, Hadoop, Spark, etc.)
- Container orchestration tools experience (e.g. AWS ECS, Docker Swarm, Kubernetes)
- Data science experience (data cleaning, analysis, visualization & storytelling)
- Energy industry experience (e.g. power systems, power markets)

If you would like to apply, please send your resume to [jobs@singularity.energy](mailto:jobs@singularity.energy).