Singularity
A Real-Time Carbon Intelligence Platform

Full-Stack Software Engineer

Who we are: At Singularity, we are building technologies that leverage real-time data to reduce carbon emissions from energy consumption on an enterprise level. Companies today are using 3-year-old data to make decisions about today's carbon, which could in fact increase emissions. We can't solve climate change if we can't get the data right. We launched a data platform (with 300M+ data points and growing) that helps companies build carbon-aware products. We are currently working on delivering a high value enterprise product to companies that want to track, manage and reduce their carbon emissions with incredibly high fidelity.

About the role: We're looking for a full stack developer to help innovate within our products and drive delivery of customer value. You'll have entire ownership over our codebase. You'll be working on a range of things including: scaling the data processing pipeline, refining the ML models, integrating with hardware to optimize device usage, and architecting network security to ensure proper access to our servers.

Technologies we use:

Applications

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

Data processing

- Pandas (Python)
- AWS Lambda (Python) for real-time scraping
- LightGBM (Python) for AI predictions

Infrastructure

- AWS
- Sentry
- GitHub
- Unix
- PostgreSQL

Expectations

What you can expect from us

- **Competitive compensation**: $100-$120K plus 0.5-2% equity depending on experience
- **Flexible hours**: unlimited vacation, work from home & sick time
- **Career growth**: you'll be one of 3 employees and everything you do will grow the business
- **Exciting mission**: we're doing this to help solve climate change

What we will expect from you

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

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

Send your Resume and Cover Letter to info@singularity.energy