



## Clean Energy Data Wizard - Job Description

Be part of the transition to a sustainable energy future by building data analysis software! Resilient Edge is building a data analysis pipeline that provides innovative solutions for electric grid operations. This software will perform automated data processing and machine learning in an enterprise software environment. We are seeking an experienced Python developer to help us build reliable, transparent, high-performance data processing pipelines. This is a contract position for 25-40 hrs per week, starting in January of 2026 and running for at least the next four months.

### Job duties include:

- Setting up automated data processing pipelines in Kedro.
- Creating cleaning and validation functions for time-series data.
- Extracting features and reducing dimensionality of data in preparation for binning, regression, and machine learning.
- Conducting thorough testing and debugging to ensure the software's reliability, accuracy, and stability, including the creation of automated unit and integration tests.
- Participating in the planning and development of machine learning functionality, including creation of training and testing procedures as well as accuracy testing.
- Assisting in the creation of data input/output functionality as well as database structures and interactions.
- Helping to design software to support new features and functionality, documenting requirements, APIs, and code.
- Assisting with server deployments and other dev ops tasks as needed.

### You should be:

- Enthusiastic about solving climate change with clean energy technology.
- An experienced software developer, with 3+ years of professional experience (5+ years preferred) with a bachelor's degree in Computer Science, Software Engineering, or a related field.
- Proficient in Python, fluent in SQL, and comfortable working on Linux servers.
- A smooth operator with data pipelines, maintaining a DAG, and curating data catalogs.
- Committed to source code control, writing tests, updating documentation, and closing tickets.
- Able to trade banter on Slack as part of an all-virtual team; Giphy fluency a plus.
- Willing to offer and receive feedback openly as part of a blame-free development team.

## Bonus points for:

- Experience working with electric utilities, energy data, or a basic understanding of the physics and engineering concepts around power and energy.
- Knowledge of time-series data with daily, weekly, and seasonal patterns.

## We are:

- A mission-driven company supported by a small team of contractors working on a growing portfolio of energy data software development projects.
- Developing bespoke analytical software solutions for innovative energy services companies.

## How we work:

- As an independent contractor, you bring your own equipment, set your own schedule, and get paid for the hours you work.
- We are an all-remote team, but work hours are oriented around continental US time zones, primarily in Eastern Time.
- Team members have a lot of autonomy to design and implement functional components of the software, but are also responsible for communicating and coordinating with other developers to ensure that all components are compatible.

## To apply:

Send a cover letter and resume to [jobs@resilientedge.io](mailto:jobs@resilientedge.io)