

# **Analytics Engineer, Fluence Digital**

Location: California (Flexible)

## **ABOUT FLUENCE**

Fluence, a Siemens and AES company, is the leading global energy storage technology solutions and services company that combines the agility of a fast-growing technology company with the expertise, vision, and financial backing of two industry powerhouses. Building on the pioneering work of AES Energy Storage and Siemens energy storage, Fluence's goal is to create a more sustainable future by transforming the way we power our world. The company offers proven energy storage technology solutions designed to address the diverse needs and challenges of customers in a rapidly transforming energy landscape, providing design, delivery, and integration in over 160 countries. Fluence works closely with customers as trusted advisors throughout their journey and provides advisory, financing, and project lifecycle services.

## **Leading**

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This position will be within the new Fluence Digital business unit, formed following Fluence's acquisition of San Francisco-based start-up AMS. Fluence Digital's software technology uses artificial intelligence, advanced price forecasting, portfolio optimization and market bidding to ensure energy storage and flexible generation assets are responding optimally to price signals sent by the market.

## **Responsible**

Fluence is defined by its unwavering commitment to safety, quality, and integrity. We take personal ownership in what we do, developing trust in our relationships with internal and external stakeholders. We firmly believe in having honest, forthcoming, and fair communications.

This Analytics Engineer will be an integral member of the Fluence Digital team, building the analytical tools and technology stack to serve a wide set of stakeholders, including the sales team in Australia and California, customer success managers, operations managers, product managers, data scientists, software engineers, and the Fluence executive team.

Key role responsibilities include:

- Design and schedule in-warehouse data transformations to serve stakeholder requirements
- Proactively engage with stakeholders to solve data and reporting problems with automated or self-service solutions
- Create cogent data models, performant data explores, and interactive dashboards in Looker
- Continue development on lightweight python tooling for business users, focused on sales engineering and project valuation modelling, supported by the existing analytics stack.
- Support the data engineering team members in building and managing data pipelines to the Snowflake data warehouse from a variety of sources, such as production Postgres and Scylla tables, Salesforce, etc.

## Agile

Here at Fluence, we strive to continuously improve, to be intellectually curious and be adaptive to our customers' and employees' needs. Collaboration is key, both in our partnerships with our customers, and with each other. Fluence prioritizes the most critical efforts that allow for the greatest impact.

The ideal candidate will have:

- Expert SQL skills
- Data warehouse use and maintenance experience, with past work experience using Redshift, BigQuery, Snowflake, or other data lake or data warehousing solution (we use Snowflake)
- Experience with a data pipelining or data transformation tool, such as Stitch, dbt, Fivetran, or Matillion (we use Matillion)
- Experience with a data modelling and dashboarding tool, such as Tableau Online, Chartio, Mode, or Looker, with strong preference given to candidates with past experience writing LookML for data modeling in Looker (we use Looker).
- Some experience with lightweight, full-stack software tools is a strong plus, such as
  - Deployment with docker, Heroku, Jenkins, etc
  - Backend with relational databases or data warehouses

- Python development frameworks like Flask or Django
- Frontend development with React, Streamlit, or similar
- Past experience with the power sector, energy storage, or wholesale electricity markets is a plus

## Fun

We are always looking for employees who are excited by challenges and the opportunity to be problem-solvers. Our entrepreneurial mindset allows for creativity, sense of urgency and fulfillment. Our employees love what we do and are passionate about the way we power our world.

- The Fluence Digital team is highly motivated by developing advanced optimization strategies to transform the way we power our world. We are deeply concerned by our changing climate and excited to have the opportunity to play a part in making low-carbon projects more viable.
- The role will be based out of Fluence Digital's San Francisco office (remote candidates will be considered) and will report to the Senior Analytics Engineer with close interaction with Product, Data Science, Engineering, and Commercial teams in California and Australia. The role will grow considerably over time as Fluence scales its SaaS products to new customers, types of energy assets, and markets.

## GET IN TOUCH

Please send your resume and cover letter to [careers@fluenceenergy.com](mailto:careers@fluenceenergy.com)

Fluence IS AN EQUAL OPPORTUNITY EMPLOYER and fully subscribes to the principles of Equal Employment Opportunity to ensure that all applicants and employees are considered for hire, promotion, and job status without regard to race, color, religion, sex, national origin, age, disability, veteran status, sexual orientation, marital or familial status.