

Data Architect

Location: Arlington, VA

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 throughout their journey and provides advisory, financing, and project lifecycle services.

Job Description

Do you want to work on transforming the global electricity industry? Does commercializing clean energy technologies get you excited? Do you believe that energy storage is the key to a clean energy future? Do you want to work at a fast-paced entrepreneurial startup with the backing of two industry powerhouses, AES and Siemens?

Fluence is seeking a **Data Architect** to help us improve our data infrastructure to improve the visibility and utility of our data sets across the organization and enable the creation of advanced analytics products using big data sets and machine learning (and other) techniques.

Key responsibilities

1. **Design and create data flows to make information and analytics tools widely available.** Architectures you create will be at the leading edge of an information revolution in the Energy sector, allowing renewable energies to rapidly and efficiently scale, and enabling stakeholders to benefit from the best and most timely information and analytics possible.
2. **Design data storage at the scale of the electrical power grid.** You will coordinate the design of systems to manage large and scalable datasets, flexible enough to support real-time processing, massively parallel computation, and ad-hoc analysis supported by cloud infrastructure.
3. **Enable federated data sharing across platforms.** You will create communication pathways across a variety of systems both within Fluence and without. These pathways will allow our data science team to satisfy the use cases of the largest possible set of stakeholders.

Ideal Candidates Will Possess or Have a Desire to Develop:

- You enjoy solving a problem that is complex and has no single correct answer
- You gain satisfaction from setting up a system that helps your colleagues work more effectively
- You have experience creating, improving, and maintaining an enterprise database systems
- Experience with programming languages such as Python, R, SQL
- Experience setting up a data lake or data warehouse using open "big data" tools and platforms such as Hadoop, Spark, Pig, Hive (etc)
- Bachelor's + 5 years experience or Masters + 3 years experience
- Computer science, math, engineering, or other technical degree
- Comfortable working cross-functionally across an organization to get projects done and comfortable working in highly collaborative environment
- Share our team's belief that the work we do improves lives by lowering the cost of electricity, improving the reliability and resiliency of the electric system, and creating a cleaner, more sustainable grid.
- Desire to work collaboratively in a fast-paced entrepreneurial environment.
- Track record of taking ownership over responsibilities and pursuing them diligently.
- Practical working knowledge of English is required.

Qualified candidates are requested to submit a resume and cover letter at 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, sexual orientation, marital or familial status.