Systems Engineer – Product Design

Location: Arlington, VA (preferred) or Continental US

ABOUT FLUENCE

Fluence, a Siemens and AES company, is the global market leader in energy storage technology solutions and services, combining the agility of a technology company with the expertise, vision and financial backing of two well-established and respected industry giants. Building on the pioneering work of AES Energy Storage and Siemens energy storage, our goal is to create a more sustainable future by transforming the way we power our world. Providing design, delivery and integration, Fluence offers proven energy storage technology solutions that address the diverse needs and challenges of customers in a rapidly transforming energy landscape.

Fluence currently has more than 2.4 gigawatts of projects in operation or awarded across 24 countries and territories worldwide. We topped the Navigant Research utility-scale energy storage leaderboard in 2018 and were named one of Fast Company's Most Innovative Companies in 2019. In 2020, our sixth-generation Tech Stack won Commercial Technology of the Year at the 22nd annual S&P Global Platts Global Energy Awards.

Leading

Do others come to you for your subject matter expertise? Are you excited by the challenge of working in a start-up atmosphere with a purpose?

Fluence is seeking a Systems Engineer – Product Design, to play a critical role in helping Fluence deliver the next generation of energy storage technology. In this high visibility, high impact role, the Systems Engineer will be responsible for managing the development of the battery energy storage enclosure from inception to the point of deliver

Responsible

- In this role, you will manage the development of electrical, mechanical, structural aspects of the battery enclosures and integration of control systems, fire suppression system, 1500Vdc battery system and HVAC or chiller-based cooling system into the battery energy storage enclosure.
- Lead a multidisciplinary effort through all phases of product development including planning, architecture, implementation, verification, certification, and sustainment.

- Provide technical leadership to ensure that designs meet or exceed product and certification requirements.
- Propose and manage the design of product improvements and technology updates.
- Coordinate with product strategy to ensure that product developments align with product roadmaps.
- Developing technical requirements from high level product requirements
- Plan and manage engineering teams schedules and budgets to ensure alignment with customer and internal expectations.
- Defining design, construction, operation, and maintenance goals for products.
- Identify and mitigate technical risks and realize opportunities on projects.
- Work closely and collaboratively with Engineering, Product Management, Product Execution, Services, Sales, Procurement and Marketing teams.
- Design and develop product for usability, mass manufacturing and ease of deployment.
- Present design solutions to key stakeholders, defending design decisions, incorporating design feedback into the design cycle.
- Building critical relationships and leveraging expertise and capabilities from inside and outside the organization to deliver results and create value.
- Work with our Product / Sourcing teams and our vendors to ensure product design can be commercialized for production to meet our business objectives.
- Provide technical consultation to other departments and colleagues.
- Demonstrate Fluence values.

Agile

Here at Fluence, we strive to continuously improve, be intellectually curious and be adaptive to our customers and employee's 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.

As an ideal candidate you have:

- Bachelors' degree Systems Engineering, Electrical Engineering, Mechanical Engineering or similar.
- 5 years industry experience required.
- Previous product development experience is strongly preferred.
- Requires expert knowledge of design techniques, tools, and principles involved in production of precision technical plans, blueprints, drawings, and models.

- Comprehension of practical applications of engineering science and technology.
- Strong problem-solving skills.
- Strong communicator (written and verbal).
- Good technical writing skills.
- Ability to travel up to 25% of time.
- Able to manage projects.

Fun

Working on transforming a fundamental part of our society is exciting and fulfilling. It requires creativity, diversity of ideas and backgrounds, and building trust to effect change and move with speed. We respect our coworkers and customers. We listen to what others have to say, and we are inclusive.

Our Corporate Culture

- Fluence is defined by its unwavering commitment to safety, quality, and integrity. We take personal ownership in what we do, and we prioritize the development of trust in our relationships. We firmly believe in having honest, forthcoming, respectful, and fair communications.
- We are curious, adaptable, and self-critical; we use these traits to meet our team's and customers' needs. We always want to be working on the issues with the greatest impact.
- Succeeding in our mission requires creativity of thought, diversity of backgrounds, and an environment of safety and trust. These aspects of our culture enable us to effect change and move with speed. Workspace respect, balance, and inclusivity is foundational to our success, and our experiences at work are an essential part of what we create.

GET IN TOUCH

Please send your resume and cover letter to 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.