

Testfield software engineer

Location: Erlangen, Germany

ABOUT FLUENCE

Fluence, a Siemens and AES company, is the global market leader in energy storage technology solutions and services. Fluence is creating a more sustainable future by combining the agility of a technology company with the expertise and vision of two respected industry giants.

OUR CULTURE AND VALUES

We are a start up with a purpose to transform the way we power our world. It requires creativity, diversity of ideas and backgrounds, and building trust to effect change and move with speed.

We are Leading

Fluence currently has 2.4 gigawatts of projects in operation or awarded across 24 countries and territories worldwide—and we are growing every day.

We are Responsible

Fluence is defined by its unwavering commitment to safety, quality, and integrity.

We are Agile

We achieve our goals and meet our customer's needs by cultivating curiosity, adaptability, and self-reflection in our teams.

We are Fun

We value the diversity in thought and experience of our coworkers and customers. Through honest, forthcoming, and respectful communications we work to ensure that Fluence is an inclusive and welcoming environment for all.

ABOUT THE POSITION

As the **Testfield software engineer** you will:

- Be responsible for the different software and regular and safety PLC inside the testfield
- Define, improve and upgrade the test automation software
- Program and administrate local HMI
- Support the project team in qualification of new equipment and during commissioning phase

- Develop tests, standardized test procedures to reduce commissioning time, and perform testing, including involvement in hands on lab testing during evaluations of prototype systems.
- Improving deployment and commissioning processes by being an interface between Product and Project team.
- Analyze operational and test data to improve, troubleshoot and resolve control based topics
- Work with field engineers for rapid solutions to problems as they arise during commissioning/testing of a system
- Support infrastructure like network, data acquisition server and Fluence Operation system

What will our ideal candidate bring to Fluence?

- You have completed bachelor or master studies in the field of IT or a comparable qualification.
- You have many years of experience in the programming and handling of regular and safety PLCs and a certificate for safety PLC programming
- You have a good knowledge of software: Python, C, C++, Java Script, Step 7.
- You have a good knowledge of the standards and regulations of the VDE, IEC, IEEE
- In addition to your outstanding professional qualifications and knowledge, you convince with initiative, constructive criticism, collegiality, decision-making ability, result orientation and a high level of quality awareness
- Professional reporting and excellent communication skills, both verbally and in writing, are a matter of course for you
- We assume very good German and English skills as well as occasional willingness to travel

APPLY

Fluence uses LinkedIn Talent Hub to manage our recruitment process. To be considered for this and all roles at the company, [applicants must apply directly on LinkedIn here.](#)

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.