



## **CelSian job description: AI Software engineer**

### **Description of the role:**

As an AI Software Engineer at CelSian, we expect you to develop AI models and enhance our different software packages with AI techniques. We have different packages that need to be maintained and updated to suit the needs of our customers and to be ready for the next wave in Artificial Intelligence. We expect you to plan and execute this work closely with our other developers and the CFD modeling group.

### **Key tasks:**

- Build and test AI modules for our existing software packages.
- Analyze data, statistics, and algorithms.
- Determine operational feasibility by evaluating analysis, problem definition, requirements, development, and proposed solutions.
- Document and demonstrate solutions by developing documentation, flowcharts, layouts, diagrams, charts, code comments, and clear code.
- Prepare and install solutions by determining and designing system specifications, standards, and programming.
- Make recommendations in policies and procedures to improve process control solutions for our customers.
- Stay up to date about the latest trends and regulations in AI.

### **Requirements:**

- Passion for technology.
- Solid background in AI (minimum 5 years of work experience).
- In-depth knowledge about programming languages and tools, such as Python / Fortran / C++ and Mercurial/git, Jenkins, Visual Studio, and Cuda.
- Willingness to develop yourself in this exciting and upcoming field.
- Fluent in English.
- Team player.
- Can-do mentality (you thrive on solving complex problems and putting ideas to work).

### **CelSian offers:**

- An equal opportunity place to work, and with our global customer base, we're proud to celebrate differences between our team members and affiliated partners.
- Intellectual, inspiring work environment, ambitious team.
- Excellent benefits including 32 holidays and a top-notch pension arrangement.
- All-you-can-eat-lunch.



**Curious to learn more?**

- Please send your CV and motivation to [harmen.kielstra@celsian.com](mailto:harmen.kielstra@celsian.com) or call Harmen Kielstra for more information (+31 40 249 0102).