

Computed Aided Engineering Engineer Job description

Department: CAE Engineering

Starting date: 2025

Reporting to: Technical Manager Romania

Role: Computed Aided Engineering Project Engineer

Location: ELSYCA SRL, Cluj-Napoca, Romania

Employment: Full time

Key Responsibilities

The successful candidate will be part of the engineering team.

The job tasks will include:

- Creating 3D computational models for CAE simulations from customer input data.
- Executing computer simulation with Elsyca's own software and/or 3rd party software tools.
- Communicating and collaborating as team member in the engineering team.
- Interacting with other Elsyca departments/teams to provide engineering support to their activities.
- Providing technical support to Elsyca's software customers via our customer support channel.
- Providing training to Elsyca's software customers (either remotely or onsite).

About you

Ideally, you will:

- Be a BS or MS graduate in Engineering, Chemistry or related engineering or science disciplines.
- Have strong affinity to work with computer software (in general).
- Have excellent problem-solving skills.
- Be fluent in English (spoken and written).
- Have good communications skills.
- Be a fast learner and eager to learn new skills.
- Be able to work independently and as part of a team.
- Be able to work with tight deadlines.
- Demonstrate good attention to detail.
- Be willing to travel.



Preferred you will show additionally:

- Experience with CAD systems, such as SolidWorks®.
- Experience in FEM modelling (understanding of computational principles: boundary conditions, meshing, solvers, postprocessing).
- Understanding of electrical systems.
- Electrochemical knowledge of electrodeposition, cathodic protection and corrosion.
- Knowledge of additional business-relevant languages.

What we offer

- Full-time permanent contract;
- A challenging and varied job content;
- An dynamic, and fast-growing environment where you do have the opportunity to develop yourself in an environment driven by delivering excellence in our expertise and with international activities ambitions;
- Attractive salary, in line with industry profile, your experience and contribution.

About Elsyca

Founded in 1997, Elsyca is the culmination of research efforts in numerical modeling of electrochemical processes. Its name is derived from 'electrochemical system calculations'.

Today, Elsyca is active in the markets of corrosion design & engineering, cathodic protection & AC mitigation, surface finishing, and electrochemical manufacturing within a variety of industries – such as automotive, aerospace, electronics, medical and energy.

The combination of the practical engineering knowledge, the in-house developed family of engineering simulation tools, and the continuous focus on R&D and innovation has established Elsyca as a trustworthy and appreciated partner for many clients across the globe. For more information about Elsyca, visit www.elsyca.com.

Contact

If you have any questions or if you would like to apply, please don't hesitate to contact us at

recruitment@elsyca.com

