



Application Engineer for Wind Turbine Controls – Mid/Senior(m/w/d)

Do you have experience in application software programming for real-time systems? Are you looking for an exciting and challenging role in an international organisation where you can advance professionally as an engineer?

Key responsibilities

As our new **Application Engineer**, you will be part of our Sustainable Application Team, which consists of skilled and experienced application developers. The team is responsible for providing retrofit solutions for various wind turbine types and ensuring optimal performance through continuous data analytics and software improvement. Your primary focus will be on developing and testing new wind turbine applications.

- Develop turbine control code. Design, implement, and test wind turbine applications (C/C++, IEC 61131-3 Structured Text) with integration of fieldbus-based I/O and devices (e.g. CANopen, Modbus, RS-485). Perform testing and commissioning of wind turbine retrofit solutions in the lab, factory, and on site
- Prepare documentation and training material and train our customers

Our ideal candidate

- A bachelor's or master's degree in software engineering, computer science, electrical engineering, or a related field
- Excellent problem solving for complex systems and critical thinking skills
- Programming experience in C/C++, IEC 61131-3 structured text or similar
- Experience with industrial fieldbuses such as CANopen, Modbus, EtherCAT, or RS-485.
- Ability to read electrical schematics and understand industrial installations.
- Ability to work in heights (training provided)
- Willingness to travel approximately 10% of your time to various international locations

A plus if you have

- Experience with wind turbines, power systems, or renewables.
- Hands-on skills in electrical troubleshooting and commissioning,
- Working knowledge of collaboration and DevOps tools such as GitLab, Jira, and Confluence.
- Familiarity with AWS services (Lambda, S3, DynamoDB, EC2).

Location: Skive, Odense, Silkeborg (DK), Rendsburg (DE), or Klagenfurt (AT). Hybrid work is possible.

What can you expect to find at DEIF?

The core of our **values** is respect for the individual, ambition to always become better. We believe that the values grow the best in an informal working environment characterised by freedom with responsibility and a flat organisational structure.

With us you have everything you need to do your work in a great environment:

- Free Fruit, coffee and other drinks
- vouchers for lunch to enjoy together with the team as a support for everyday work.
- Homeoffice possibility

The salary for the position is based on the Collective agreement for employees in the metal trade and starts with 4.500€ with possible overpayment depending in your experience and your education.

How to apply?

Send your application and CV as soon as possible on our website www.deif.com/careers or contact Otilia Panzar otp@deif.com / +4366488168627