



Software Engineer

At Nel Hydrogen the vision is to empower generations with clean energy forever and with renewable sourced hydrogen they are helping the world to transition away from fossil fuels. In the Danish division in Herring there is currently more than 130 employees and expect to continue a significant growth in the coming years. The company is a global frontrunner when it comes to the development and production of hydrogen fueling stations. The market for hydrogen stations will maintain its growth in the coming years, as large-scale production of hydrogen cars, busses and trucks will be launched in the coming years.

About the position

As a software engineer in Nel Hydrogen, you will join the Technology & Development department alongside more than 30 colleagues working with technology and product development. You will be a part of the Software team with 8 other experienced software and simulation engineers, the department is responsible for control system software, safety system software, KPI system, simulation and modelling. Your work place will be at the facility in Herring, Denmark. Some travel activities must be expected as Nel Hydrogen is a global company.

The key responsibilities of the position include:

- Develop and maintain control system software for hydrogen refueling stations
- Development and maintenance of Safety System (SIS)
- Improving existing products based on feedback from customers and the Service department
- Development of HMI
- Assisting commissioning of stations in the field
- Assisting production with matters related to control systems
- Troubleshooting together with the service personnel when needed

About you

You have an engineering degree in software, computer science or another related field and minimum 3 years' experience of software engineering or software development for equipment/machines. As a person you are openminded and able to interact with other team members and cross-functional colleagues. You are able to motivate yourself and encourage other team members, and you always have a pragmatic approach to solving challenges. You are structured in your approach to solving your tasks and at the same time able to come up with new and creative solutions. Your sense of quality does not prevent you from solving problems fast and you thrive in an informal organization where you can influence decisions and develop yourself. Working proficiency in both written and spoken Danish and English is expected.

Furthermore, we are looking for a candidate with the following qualifications:

- Experience with TwinCAT3 or similar – and use of object-oriented approach in TwinCAT3 is a plus
- Programming in ST and SFC
- Experience with safety PLC programming
- Experience with Functional Safety IEC61511 is a plus
- Experience with HMI and SCADA development
- Experience in commissioning equipment/machines

- Process system knowledge is a plus
- Experience with source code management is a plus

Nel Hydrogen offers

You are offered an exciting job where you become part of the Technology & Development department. You will work in an environment where change is part of everyday life and where you, with your experience and knowledge, will greatly affect the task.

Nel Hydrogen is situated in a completely new renovated building in Lind, Herning, Denmark and offers employees a wide range of benefits such as a good canteen, health insurance and massage.

Application and contact

Please send you application and curriculum to PRO&CO via the button "Søg stillingen", as soon as possible. You can find PRO&CO through this [link](#).

We are doing interviews on an ongoing basis. Starting date as soon as possible

If you want to hear more about the position, please feel free to contact

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About Nel Hydrogen | www.nelhydrogen.com

Nel Hydrogen is a global, dedicated hydrogen company, delivering optimal solutions to produce, store and distribute hydrogen from renewable energy. The company serve industries, energy and gas companies with leading hydrogen technology. Since its foundation in 1927, Nel Hydrogen have had a proud history of development and continual improvement of hydrogen plants. The hydrogen solutions cover the entire value chain from hydrogen production technologies to manufacturing of hydrogen fueling stations, providing all fuel cell electric vehicles with the same fast fueling and long outreach as conventional vehicles have today.