Nel Hydrogen – Software Engineer

Søg stillingen

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DO YOU WANT TO BE A PART OF THE HYDROGEN ENERGY TRANSITION?

Nel is a global, dedicated hydrogen company, delivering optimal solutions to produce, store and distribute hydrogen from renewable energy.

Nel serve industries, energy and gas companies with leading hydrogen technology. Nel's roots date back to 1927, and since then, Nel has had a proud history of development and continuous improvement of hydrogen technologies.

Today, Nel's hydrogen solutions cover the entire value chain from hydrogen production technologies to hydrogen fueling stations, enabling industries to transition to green hydrogen, and providing all fuel cell electric vehicles with the same fast fueling and long range as fossil-fueled vehicles – without the emissions. Empowering generations with clean energy forever and with renewable sourced hydrogen they are helping the world to transition away from fossil fuels.

The Danish division in Herning currently employs more than 140 employees and expect to continue a significant growth in the coming years. Nel Hydrogen 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.

The position

As a software engineer in Nel Hydrogen, you will join the Technology & Development department alongside more than 40 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.

The key responsibilities of the position include:

- Develop and maintain control system software for hydrogen refuelling 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 and production with matters related to control systems.

Your background

You have an engineering degree in software, computer science, automation technology or another related field and preferably 3 – 4 years of experience with software engineering or software development for equipment/machines.

You have experience with structured text programming and moreover, it is a plus if you have/are:

- Experience working with TwinCAT3 or similar (preferably Beckhoff, but also Siemens or Omron).
- Experienced in C++ and embedded programming.
- Experience working with safety PLC programming, Functional Safety IEC61511, and HMI development.

You are self-motivated, structured and pragmatic 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.
Some travel activities must be expected as Nel Hydrogen is a global company. Working proficiency in both written and spoken Danish and English is expected.

Your opportunities

The world needs clean energy solutions. The purpose at Nel is to speed up that transition. This is what drives Nel – as humans and professionals. Working in Nel, you are part of the solution to one of the most pressing issues of our time

You are offered an exciting job where you become part of the Technology & Development department. You will work in an environment where the culture is highly described as an informal start up 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. After onboarding working from home is widely possible. If needed you will join a Beckhoff programming course.

Application

You are welcome to contact Lars Halsboe at +45 2425 8808 to inquire about the position and obtain further information. All inquiries are treated confidentially. If this position should be of interest to you, please apply by clicking the "Søg stillingen" button.

More about the company

Nel believes renewable hydrogen will be number 1 in the future, because:

- The world needs a new energy carrier to replace oil and gas
- Hydrogen is the element with the highest energy density
- Through electrolysis hydrogen can be produced from water and renewable energy
- Access to renewable energy is practically infinite

- The electric grids do not have the capacity to handle the entire future energy demand alone
- The demand for stable energy supply diverge from the fluctuating nature of renewable energy production in general
- Large scale introduction of renewable energy is dependent on energy storage solutions

Read more on www.nelhydrogen.com

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