



## Software Engineer to the R&D Department

**Nel Hydrogen A/S.** We are currently 80 Employees and expect to maintain a strong growth in the coming years. The organization is dynamic, and the culture is informal with flexibility as a key word. The company is a frontrunner when it comes to the development of hydrogen fuel stations used for the refueling of hydrogen vehicles. The market for hydrogen stations will maintain its growth in the coming years, as large-scale production of hydrogen cars will be launched in 2018 – 2019. NEL Hydrogen has positioned itself as a global player for the rapidly growing hydrogen economy.

### About the R&D Department and the Position

As Nel Hydrogen projects are covering a wide range of techniques, the R&D organization is organized around technical teams:

- Project and documentation team
- Process team
- Electrical team
- Mechanical team
- CAD team
- Software team
- Test team

Projects will follow Nel Hydrogen technology and product development process and will have a technical sponsor that provides input for specification.

While project management is coordinated by Project managers and technical Lead engineers, technical teams are responsible for the development of design packages which are part of innovative technologies, products or customization projects.

You will join the Software team with 3 other experienced Software Engineers. The SW team is responsible for control system software, safety system software and the KPI system.

Together with the Software team you will participate in projects/tasks such as:

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

Your approach to solving your tasks is structured and detail oriented, but you are at the same time encouraged to think of creative solutions. Your sense of quality does

not prevent you from solving problems fast. You thrive in an informal organization/team where you can influence decisions and develop yourself.

Travel activities must be expected since we are a global company.

## Requirements

- Knows the scope of software development
- Experience with TwinCAT3, TwinCAT2 or similar
  - Programming in ST and SFC
  - Use of object oriented approach in TwinCAT3 is a plus
- Experience with HMI development
- Able to communicate in English
- Experience in commissioning equipment/machines
- Process system knowledge is a plus
- C# experience is a plus
- Experience with source code management is a plus

## Qualifications

- You have 3 years of experience in developing software for equipment/machines
- As a person openminded and able to interact with other team members
- Result oriented and knows how important it is to follow up on deliverables, ensuring that everything runs according to plans
- Able to motivate yourself and encourage other team members
- You have a practical/pragmatic approach to solving challenges

## Job-relevant educations:

- Software Engineer
- Automation Engineer

## Application & contact

Send your application and CV – in English, as soon as possible to:

[recruitment@nelhydrogen.com](mailto:recruitment@nelhydrogen.com), marked: **Software Engineer, 200004**. There will be ongoing interviews

Start-up in the position is as soon as possible

If you would like further information about the position, please contact: Software Team lead Jacob Svendsen at Mobile: +45 4022 8619

## About Nel Hydrogen | [www.nelhydrogen.com](http://www.nelhydrogen.com)

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