

Software Application Engineer

Join a great company working with a strong sustainable footprint and maybe evenly strong values.

At Nel Hydrogen, our mission is to strengthen future generations by providing unlimited green energy. Using hydrogen obtained with renewable energy, we are helping the world convert from fossil fuels to emission-free fuels. At our US entity we currently have more than 30 employees, and we expect continued growth in years to come. Nel Hydrogen is a global pioneer in developing and producing hydrogen Fueling solutions - a market that is expected to continue growing in the coming years as the production of hydrogen-based cars, buses, and trucks going to scale up.

About the position

As a Software Application Engineer (SAE), you will be working on the commercial software package implementation, application development, system and data integration, and software application support on the 3rd party commercial software solutions.

SAE will be working closely with the Application Engineering & Product Support, and the global service engineering, and technical support teams, based out of Denmark, to support the clients in North America market.

The commercial off-the-shelf solutions are the enterprise software tools for real-time hydrogen refueling stations operation data reporting, real-time data tracking, and time series-based process data management that are implemented for hydrogen refueling station commissioning, and operation and maintenance service. There are also ERP and CMMS business solutions used in-house, such as MS Dynamics Nav Service Management module and ExpandIT for field service management application.

The workplace is Orange County, California - US

Responsibilities

- Install, configure, and customize the commercial software application tools
- Develop and implement web-based software tools for operation monitoring, business reporting, business intelligence and analytics services

- Provide software integration and development engineering service on the visualization tools, such as Tableau, Grafana web application, Power BI and commercial enterprise software tools, such as Microsoft Dynamics Nav for field service management under O365 platform, and Cloud computing
- Understand business requirements in business intelligence and analytic context and design data models to transform raw data into meaningful insights
- Adapt off-the-shelf solutions to meet hydrogen refueling station customers' needs and their requirements
- Work in a collaborative agile team environment
- Provide software application and control system technical support to service technicians, and clients during operation and maintenance, and commissioning
- Rehearse and execute customer demonstrations of existing and new functionalities
- Collect the feedback from users and evaluate the feasibility of improvement plans, and new product development

Qualifications

Education

- Typically requires Computer Science or Engineering Bachelor's Degree or equivalent and 6+ years of enterprise software application development and implementation work experience.

Required skills and abilities

- Minimum of 6 years' experience working as software application engineer in programming, product development, or software application consulting service
- Excellent knowledge and understanding of XML, XSLT, and JSON format
- Experience in SQL Development, and Cloud Services such as MS Azure
- Programming in C++, Python, and JavaScript
- 2-3 years of experience in maintaining, and customization of visualization tools, such as, Tableau, Grafana web application or similar tools, and BI and Analytic tools, such as, Power BI in creating data rich dashboards, writing DAX expressions and SQL querying
- Work experience in configuration, and implementation of commercial application solution, such as MS Dynamics Nav Service and integration of ExpandIT Field Service will be a strong plus

- Must be a self-starter that will seek answers independently
- Communicate fluently in both written and spoken English
- Proficiency in MS Excel, MS Word, MS Visio, and PowerPoint

Equal opportunity employer

Nel is an equal opportunity employer, and all qualified applicants will receive consideration for employment regardless of race, colour, religion, sex, national origin, disability status, protected veteran status, or any other characteristic protected by law. All employment is decided based on qualifications, merit, and business need.

Apply

To apply, please send your cover letter and resumé to recruitment@nelhydrogen.com. Feel free to also contact Eugene Chen directly at +1 (949) 400-6104 or by eugen@nelhydrogen.com for further information.

Applications will be continuously monitored, and interviews will be done on an ongoing basis

About Nel

Nel 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. Our roots date back to 1927, and since then, we have had a proud history of development and continuous improvement of hydrogen technologies. Today, our solutions cover the entire value chain: from hydrogen production technologies to hydrogen fueling stations, enabling industries to transition to green hydrogen, and providing fuel cell electric vehicles with the same fast fueling and long range as fossil-fuelled vehicles - without the emissions.