



by **Schneider** Electric

HARDWARE DESIGN ENGINEER

Full-time (Remote 1-2 days) | 30% Travel
at Oosteinderweg 127C, 1432 AH Aalsmeer, The Netherlands

Who are we?

We are a global leader in Direct Current (DC) electrical distribution, offering DC systems, applications, use cases, and demonstrators in many fields - from protection devices to power converters and everything in between. We are creating new markets and applications to make our biggest asset as mankind - the electrical grid - sustainable and future-proof.

Recently, we were acquired by Schneider Electric to empower our ideologies and make stronger what we have initiated. This is a big undertaking that is asking for new creative ideas to think outside the box and solve it inside the box; to develop the products and solutions that are needed for the emerging markets and applications, from DC buildings like ABN Amro's Circl Pavilion or TU Delft's Pulse Building, and datacentres to public distribution as on Highway N470 in Delft, DC microgrids and more.

We are looking for motivated individuals to join our expanding team as we embark on a journey to disrupt the energy landscape.

What is the role?

- You are in charge of designing power electronic converters for DC grid based systems.
- You develop, test and maintain current DC Systems products and projects.

What are the required skills?

- Knowledge of power electronics
- Schematic and PCB design
- Experience with simulation tools (PSIM, Simulink, SPICE)
- Understanding of analog electronics
- Experience with laboratory testing (oscilloscope, soldering, etc.)
- Understanding of electrical systems and architectures
- Mechanical Design (MCAD is considered a plus)
- Experience with TI microcontrollers (TMS, MSP430) is a plus
- Experience with ARM based single board computers is a plus
- Proactivity and ability to work in a multi-cultural environment.
- Fluency in English required.

What do we offer?

- ✓ A few million chances to develop ideas.
- ✓ A challenging and passionate working environment.
- ✓ Making an impact and being a part of the future of the electrical system.
- ✓ Working in a highly skilled environment with access to and cooperation with many specialists worldwide inside the Schneider Eco-structure.
- ✓ Our company works independently from the big enterprise structure to stay flexible and creative, while utilizing the advantages of a big organization. (This is why we work very closely with the global management but we remain independent).

Interested?

Please send your CV and/or questions to vacancies@dc.systems.