



# HEIMDALL POWER

## Embedded Software Engineer

Heimdall Power is seeking a passionate Embedded Software Engineer to join our Technology team in Oslo! You will be part of a highly skilled multi-disciplinary team developing complex IoT sensors to digitize the power grid.

### Responsibilities:

- Design and implement software for embedded devices and systems from requirements to production and commercial deployment
- Contribute to further develop our software development process for Continuous Integration and Deployment (CI/CD)

### Required qualifications:

- BS/MS in Computer Science or equivalent
- Experience with C/C++ programming for embedded targets
- Familiar with device driver development and modern RTOS
- Familiar with embedded processor architectures such as Cortex-M and Nordic Semiconductor devices

### Additional qualifications:

- Knowledge of wireless connectivity protocols such as NB-IoT, Bluetooth and Lora/LoraWan
- Understanding of basic electronics to be able to navigate through an electronics schematic and read component datasheets
- Python programming and scripting skills
- Familiar with Jenkins, Azure Pipelines or similar CI tools

**WHO WE ARE:** Heimdall Power is a young Norwegian technology company established in 2016. We offer a rapid transition to fully digitized grid assets through low-cost, easy to install, self-powered sensors that provide input to advanced models and algorithms. Our goal is to use machine learning to predict line faults before they happen, minimize blackouts and improve maintenance efficiency. With better capacity control, energy distribution can be optimized. Heimdall's technology has the potential to increase the average capacity of the grid by more than 25 percent. The electrical grid is the largest man-made machine - It spans the globe, providing structure, balance and life to our energy system. It is essential infrastructure to enable a sustainable, green energy future. Heimdall Power is backed by established VCs and industrial partners. We offer competitive salary and compensation package, and you will participate in the company's options program. This is your chance to be part of an exciting journey towards a sustainable future.

For further information about the role, please contact Øyvind Teigen on email [oyvind.teigen@heimdallpower.com](mailto:oyvind.teigen@heimdallpower.com)