



Senior Backend Developer

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 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 goals are 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 average capacity of the grid by more than 25 percent. Heimdall Power is backed by established VCs and industrial partners. This is your chance to be part of an exciting journey towards a sustainable future.

We are searching for a Senior Backend Developer who can help design, develop and scale systems for monitoring of critical infrastructure. You will be working in a small team of dedicated developers and engineers. You are a problem solver with a conceptual mindset. You enjoy working in complex systems and have experience with building systems from scratch. As a person you are strategic, self-motivated and independent.

Responsibilities:

- *Hands-on programming and problem solving*
- *Contribute to design of backend architecture and implementation of complex models*
- *Bring additional perspectives to testing, optimizing and further developing our system.*
- *Working with high-volume, real-time datastreams*
- *Aligning desired business logic with technical implementation*
- *Contribute to a supportive and inclusive culture in the engineering team*

We're particularly looking for candidates with experience in

- *Complex problem solving and hands-on programming in C#, .Net or Java*
- *.Net frameworks like ASP.NET, Azure Functions and Entity Framework*
- *Relational databases/SQL Server*
- *Azure or other cloud computing platforms*
- *Serverless technologies*
- *DevOps and CI/CD*

You:

- *BSc or MSc within relevant fields.*
- *Minimum 3 years experience with developing complex systems and system architecture plans.*
- *Demonstrated knowledge in system design, cloud infrastructure and security. Experience from the energy industry or related industries is preferred.*

- *Strong programming skills with a desire to write understandable, testable code with an eye towards maintainability.*
- *You have an extensive understanding of system implications and business logic.*
- *Your preference is to simplify rather than over-engineer solutions.*
- *You have an aptitude and drive for scaling and maintaining substantial systems.*
- *You have strong fundamentals and understanding of best practices.*
- *Experience with cloud based solutions.*
- *Demonstrate ability to quickly assimilate to new knowledge*

It would be great if you also have experience with any of the following

- *Security and networks in Azure*
- *CI/CD in Azure Devops Pipelines*
- *REST API Design*
- *Domain Driven Design*
- *Monitoring and logging in distributed systems*
- *Scaling systems with microservice architectures*
- *IoT architectures, specifically Azure IoT Hub*
- *Identity providers and authorization protocols such as Azure AD and OAuth 2.0*
- *Infrastructure as code*
- *Kubernetes + Docker*
- *Javascript and React*

For further information about the role, please contact Magnus Helgeby on email magnus@heimdallpower.com or Erik Lian, erik@heimdallpower.com