

Senior Software Developer - Backend

We are looking for a senior backend developer in Hørsholm, Denmark or in Gdynia, Poland, to help develop the application of the MUSE Software - DHI's integrated offshore wind bird- and bat-monitoring and decision-support system, serving wind farms across the world.

About DHI

DHI is a global and independent company dedicated to working on challenges within the fields of water and environment and sustainability. Within these fields, we provide a wide range of advisory, digital advisory, research and water governance services as well as providing leading edge technologies and products to the market. DHI is fund-owned, meaning that profit goes to a purpose and not shareholders.

Responsibilities and challenges

You will work on designing and delivering the MUSE application and making a difference for endangered birds across the world.

You will be a part of a friendly and diverse team located both in Hørsholm and across Europe. Everyone is passionate about the product and striving to provide our clients with outstanding technical advice and customer service.

The main responsibilities and challenges in the job are:

- Design, develop the software application (full stack, mainly backend but there are minor frontend work)
- Contribute to architecture and technical design of the solution
- Troubleshoot and resolve performance, stability and functional issues
- Collaborate closely with local and international colleagues across disciplines spanning Software, infrastructure, hardware and scientific
- Contribute to technical documentation and knowledge sharing

Qualifications and personal skills

We are looking for a generalist software developer with a "can do" attitude.

We expect the following qualifications:

- Bachelor or master degree within computer science or similar
- Minimum 6–8 years of experience in backend development
- Full- stack development skills
- Strong expertise in C# with .NET Core
- Experience with, or strong desire to learn:
 - Sensor networks
 - Streaming architecture
 - Event-based programming
 - Microservices
 - Agile/Scrum work practice
- Good communication skills in English (written and spoken)

Nice to have experience with:

- Network
- Cybersecurity
- SQL Databases
- AI computer vision
- Camera / hardware integration experience
- Control systems fundamentals - PID

Personal skills

- Self-motivated and proactive
- Strong collaboration and communication skills
- Structured and quality-oriented
- Solution-minded with a focus on delivering value
- A strong drive and desire to learn new skills and areas

We offer

To work at DHI means being part of an organisation that contributes to solving some of the world's most important challenges within water and environment.

We offer:

- Highly skilled and motivated colleagues
- Opportunity to work in an international and collaborative environment
- Flexible working conditions
- A unique chance to contribute to solutions with real-world environmental impact

Office location

You will be located in our office either in Hørsholm, Denmark or in Gdynia, Poland, with close collaboration with international colleagues.

How to apply

Please submit your application including CV via the relevant job posting on DHI's website.

- Deadline for application: October 20th, 2026
- For further information, please contact: Louise Mærsk, mail: lorm@dhigroup.com, mobile: +45 61 33 51 33