

Senior Backend Developer

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 MIKE technologies and products to the market. At DHI, we are constantly looking for passionate and talented people who are eager to join our team.

By joining DHI, you will not only become part of a dynamic and collaborative global team of experts; you will be empowered to innovate, engage and grow in your area of expertise. DHI is committed to disseminate our knowledge effectively and across our worldwide network of offices.

Short Teaser

Do you enjoy building scalable backend solutions? And would you like to contribute to digital solutions that support sustainability and environmental decision-making? If yes, we can offer you a challenging position for 6 months, with great colleagues and the opportunity to help ensure clean drinking water in Denmark.

Join us as a **Senior .NET Developer for 9 months** and be a key player in our digital transformation. You will be contributing to a digital solutions that support sustainability and environmental decision-making. Also, you will be working with great colleagues from around the world.

Responsibilities and challenges

We are looking for a Senior Backend Developer to strengthen our software engineering capabilities. You will work on designing and delivering a digital solution that will ensure the discharge of hazardous substances into the Danish waters are in accordance with environmental quality requirements. You will be doing a difference for a cleaner Denmark.

You will be part of a collaborative and international team of developers, product owners, UX'ers, and domain experts, working closely together, based onsite in Denmark)

The main responsibilities and challenges in the job are:

- Design, develop a backend applications using **.NET technologies** (you will be the lead developer through out the project)
- Contribute to **architecture and technical design** of the solution
- Build and optimize REST APIs and microservices
- Ensure high software quality through testing, code reviews, and best practices
- Troubleshoot and resolve performance and stability issues
- Collaborate closely with local and international colleagues across disciplines
- Contribute to **technical documentation** and knowledge sharing
- Support continuous improvement of development processes and tools

Qualifications and personal skills

We are looking for a new colleague who will join us in developing digital solutions for water and environmental challenges and who has the following qualifications:

Required:

- Minimum **6–8 years of experience** in backend development
- Strong expertise in **C#, .NET, and ASP.NET Core**
- Experience with: **REST APIs and microservices architecture****SQL and database design/optimization****ORM frameworks** (e.g. Entity Framework Core)**Unit and integration testing****GitHub**working in Agile/Scrum environments
- Solid understanding of **Software architecture and design principles****Performance, scalability, and memory management**
- Good communication skills in English (written and spoken)
- Ability to document technical solutions clearly

Nice to have:

- Experience with: **Event-driven architectures** (e.g. RabbitMQ, MediatR)**Real-time applications** (e.g. SignalR)**Containerization** (Docker, Kubernetes)**Cloud platforms** (e.g. Azure)**CI/CD pipelines and DevOps practices****Hands-on experience using AI agents in software development tasks** such as code generation, testing, and CI/CD workflows.
- Familiarity with: **External API integrations****Spatial data** (GIS tools such as PostGIS or QGIS)**Experience with scripting** (PowerShell, Python)

Personal skills

- Self-motivated and proactive
- Strong collaboration and communication skills
- Structured and quality-oriented
- Solution-minded with a focus on delivering value

We offer

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

- A senior role with technical influence and responsibility for 9 months
- A team of highly skilled and motivated colleagues
- Opportunity to work in an international and collaborative environment
- Flexible working conditions, possibility to work from home 2 days a week.
- A unique chance to contribute to solutions with real-world environmental impact

Office location

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

How to apply

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

<http://www.dhigroup.com/careers>

- Deadline for application: 5 June 2026
- For further information, please contact: Louise Mærsk, mail: lorm@dhigroup.com, mobile: +45 61 33 51 33.