

Decision Support Systems Engineer

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

Are you passionate about software development and real time forecasting and decision support systems? And are you interested in water and environment challenges? If yes, we can offer you a challenging position, great colleagues and the opportunity to shape and develop your job in a truly international company – engaged in solving the world's challenges in water environments.

Responsibilities and challenges

You will be part of a dedicated local team of colleagues involved in development and maintenance of many decision support systems helping private industries and public authorities to: protect coasts and cities from flooding as for Venice, forecast flood and drought conditions in rivers, disseminate early warning, support operations of dams and optimize hydropower production, reduce leakages and energy consumptions in water distribution systems as in treatment plants.

The main responsibilities and challenges in the job are:

- Design, develop, and maintain complex software components.
- Uphold programming coding standards and best practices.
- Maintain decision support systems.
- Monitor performance and bug fixing.
- Create and maintain documentation on internal architecture of the system.
- Produce technical specifications and product requirements.
- Data processing and validation.
- Project management.
- Client's support.

Qualifications and personal skills

We are looking for a new colleague who will join us on our quest in solving the world's water problems and have the following qualifications:

- **Fluent Italian** and English is mandatory.
- 3-5 years of experience as developer.
- OOP.
- C# Dotnet Core or .NET 4.7/5+.
- Experience with SQLServer or PostgreSQL and using document databases.
- Frontend experience like: javascript, jQuery, React, Angular.
- Python.
- Unit Testing (create, maintain, execute).
- Empathy and communication skills. You can explain your ideas in a clear way and, just as important, listen actively to others
- Thought process. Ask questions, analyze, and share your thoughts on the challenges we uncover. In other words, help the team to make the best solution to those difficult programming problems.

We offer

To work at DHI means being part of a Family. We will offer you:

- A job where the keyword is innovation.
- A team of highly motivated colleagues, experts in the digital water space.
- Professional and personal development. We empower our people. We ensure that they have the freedom to innovate and grow. We recruit professionals who can unite our technical

excellence with our business excellence – and maintain our professional integrity at all times.

- Flexible working opportunities.
- A unique chance to work with highly professional and motivated colleagues from all around the world.
- Continued career development.

Office location

Primarily Genoa, Italy. Smart working and flexibility agreements can be defined.

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 is 31-07-2025
- For further information please contact Andrea Crosta acr@dhigroup.com