

Backend lead developer

Solving world-water problems

At HydroLogic we contribute significantly to solving important water-management problems with our own SaaS. We are the market leader in providing precipitation information for water management in the Netherlands. We warn water authorities and the public automatically when excessive precipitation generates flooding risks. For this service we recently won the [National ICT Innovation Award 2013 \(YouTube film\)](#). Fifty per cent of all water boards, 25% of all municipalities and a growing number of foreign customers are using our services.

From our two offices in Amersfoort and Delft, we work on open ICT systems which simulate the hydrologic cycle in detail. We have specialised in managing big data in real-time, fast and accurate flood simulation models, and making all this information accessible in the [HydroNET](#) web-portal via WaterApps.

Who are we looking for?

We seek a full time co-worker with an BSc (HBO) or MSc in informatics and the talent to (further) develop robust backend systems. A new colleague, with a good sense of performance optimisation and spatial data handling. Someone with great enthusiasm for big data and rapid processing. You should have:

- At least four years of proven experience with backend systems.
- Passion for effective data storage.
- Excellent programming skills and the drive to obtain the best product.
- Structured approach at software design and development, and experience with Agile methods.
- Working well both independently and in a team.

Are you interested?

Contact us at: jobs@hydrologic.com. Please send your motivation letter, CV and additional information (such as marks for your university course), attn. dr. A.H. Lobbrecht. We are looking for a new colleague (with an EU residence permit as necessary) for our office in Amersfoort. Please respond as soon as possible, ultimately 29 July 2013. More information about HydroLogic: www.hydrologic.com

- Flexibility and good communication skills.
- Good English writing skills.

We develop in Visual Studio and the .NET framework 4.0, using web-services in a cloud environment. The most important programming languages, techniques and data structures of which you should have knowledge are: C#, ASP.NET, SOAP, WCF, PostgreSQL, MySQL, NetCDF and HDF5.

Your activities

You are responsible for all development stadia: from idea, development in our software production line to publishing of software for our large client base. You design and develop for the backend of the price winning HydroNET (www.hydronet.com) solution, in a highly motivated academic environment.

You contribute to ambitious projects such as HydroCity, for which we won the Small Business Innovation Award in 2011 (www.hydrocity.com). You will work together with other companies and researchers on an important Dutch export product.

What do we offer?

A professional working environment with a focus on smart solutions, high quality (ISO9001) and with a high employee satisfaction. Independent research done by 'Great Place to Work' shows that we score very high compared to the best employers of the Netherlands. Furthermore you will be given:

- Challenging projects to solve significant water problems in the world.
- Room for personal growth and development.
- Supervision and coaching by experienced senior staff.
- Laptop en smartphone and mobile internet.