



## Join our team as **Back-end Developer!**

retail. automated. optimized.

We are looking for a Senior Software Engineer willing to work with a complex distributed system that compares more than 10 million products per day in order to suggest our customers the best prices for their products. Using machine learning as well as manual rules tailored by our consultants for our customers, Omnia is able to increase the profit of our clients by 20%.

You will be working in a scrum team embracing the DevOps methodologies. That's why we are not looking for a simple .NET Senior Developer, but for an engineer that is passionate about working with technology, not scared of challenges, and that fully understands the importance of Continuous Integration and Continuous Deployment.

We start on Monday with the retrospective of the previous sprint (we have a two week sprint) and the planning for the new sprint. Your daily tasks include solving bugs, writing scripts to automate the deployment of the amazing new feature written a couple of days before.

Our customers love Omnia system because it increases their profit but also because it just works, they can trust the system. In order to give them this kind of quality and to get their trust, we need engineers that fully understand the importance of testing (unit/integration/smoke) and have an idea of what a design pattern is. We also have a technical debt board to track what we didn't implement too well or that we left behind, and we try to work through tickets from the technical debt board in every sprint.

### **So what about technologies?**

We use different kinds of technology, but we spend most of our time writing C# code. Our frontend is built with TypeScript and AngularJS and communicates with a backend written in C#. We believe in polyglot persistence, and use Couchbase, SQL Server, and Elasticsearch when appropriate.

Here is a list of frameworks/technologies you can find in our codebase:

- WCF
- Redis
- NUnit
- ASP.NET MVC
- TeamCity
- Hangfire Pro
- Ninject
- Moq
- PowerShell
- Kibana

We use TFVC as well as Git for version control.

Don't worry if you don't have any experience with Elasticsearch or Couchbase, you will have the time and the budget to train yourself during working hours.

### So, what do we expect?

- Strong experience with .NET and C# (latest versions)
- Knowledge of SOLID principles and common design patterns
- Fluent in English
- Be able to communicate your thoughts
- An active attitude, if you think something can be improved, please tell us and bring at least a couple of better solutions. We are eager to improve!
- Good debugging skills, if you need to analyze a dump and you've never done it before, just go to Pluralsight and get the knowledge you need

### What do we offer?

- A challenging job for 32 to 40 hours per week
- Daily lunch
- Travel expenses covered
- Competitive salary
- Budget for personal development
- Flexible work hours

### Who is Omnia?

Omnia translates Big Data... to Big Insights... to Big Automation. Omnia is attractive to retailers because it unifies pricing, marketing and promotional strategies and automates such strategies at the product level.

Based on machine learning algorithms, Omnia's **Dynamic Pricing** module automatically generates the price elasticity of products, a key input to determine optimal price points, whereas Omnia's **Dynamic Marketing** module calculates the optimal bids per product per marketing channel. Omnia's **Dynamic Marketing** module, in contrast to most other marketing automation software, calculates ROI based on omnichannel profit per advertising dollar, instead of online sales per advertising dollar. Due to Omnia's integral architecture, the Dynamic Pricing module can seamlessly leverage the product-level marketing costs generated by the Dynamic Marketing module. Which, in turn allows marketers to use the Dynamic Pricing module product-level pricing data, like price position and price ratio. Promotions are managed in the integral **Promotions** module.

### Interested?

Do you live in the Netherlands and think this job will perfectly suit your goals and you would like to help building Omnia to the next level? Please send an email including your resume or personal links to [carla@omniaretail.com](mailto:carla@omniaretail.com) Carla Jongerius.