BASTIAAN OELRICH

INTRODUCTION

All round international team player with strong analytical and communicative skills. Native in C#, JavaScript and T-SQL. I like to get things done.
TEAMWORK

Experienced with diverse teams, both on site and remote. Developers, testers, designers, product managers, stakeholders, I have fun with people in each of these roles. Besides teamwork I also have a lot of experience getting things done on my own.

I enjoy to work in a team that works efficiently with a mix of on-site and remote working.

10 years experience working in an AGILE/SCRUM team.

DEVELOPMENT

I am not religious about the technology I apply. I happened to fall into the Microsoft server technology, and stuck with it. My daily life consists of C#, T-SQL and JavaScript. I've been using these technologies full time for ten years.
Since 2020 for front end work I most enjoy working with SVELTE.

SOURCE CONTROL / GIT

Comfortable working with Git, using GitFlow (like) branching. I like to use Git Extensions as my Tool. I can adapt to commit conventions. If needed I remember how to work with SVN

C# / .NET Core / ASP.NET (MVC) / WINFORMS / WPF / Rest API

Microsoft Certified Application Developr (2003). Experience with .Net Core / Asp.Net, ASP.NET MVC, Winforms and WPF applications.

Microsoft Certified Azure Fundementals

I work with Entity Framework or native SQL. I'm getting better at tuning Entity Framework queries but I haven't mastered the same power I have in SQL. I'm sure there are several Assembly programmers out there who feel the same way about C#.

SQL SERVER / T-SQL

A lot of experience writing and optimizing queries. You can't always trust the query optimizer. I like to use extra filter clause on join statements instead of in the where. And introducing bulk inserts. I am pragmatic, creative and experienced enough to choose a less elegant but workable in the real world solution from time to time. Especially high volume inserts on a heavily indexed database can be tricky

JAVASCRIPT / SVELTE / VueJS / Web components / LitHTml

I do a lot of web based application development and this fun language is a big part of that. I built a small data binding solution like mustache, with both client side and server side template parsing possible which I like to use. Almost a year experience with Vue.jS (actively using at the moment)… and a little bit of Angular (previously used in current project)
My big favorite is Svelte… I implemented a super flexible WorkFlow application for Bejo zaden, and just love working with Svelte.
I am also curious to work with LitHtml and Web Components

OTHER TECHNOLOGIES

I have experience with several other technologies

LANGUAGES / Frameworks / Platforms

- Microsoft.Net C# (Extensive)
- T-Sql / SqlServer (Extensive)
- Svelte Js (Extensive)
- Javascript (Extensive)
- Jquery (Extensive)
- Entity Framework (a lot)
- VueJs / VUEX (reasonable)
- UnderscoreJS (enough)
- Html/css (a lot)
- NUnit (enough)
- Selenium (enough)
- VBscript

- Web components (a bit)
- Angular (a bit)
- XSLT/XPath
- Infragistics (long time ago)
- Xamarin (little)
  - Titanium (little)
- Fluent Migrations (enough)
- Red-Gate SQLCompare (a lot)
- Administration of IIS (enough)
- Oracle
- MongoDB (enough)
- Kafka(a bit)

Develpoment Tools

- Visual Studio
- Visual Studio Code
- Sql Management Studio
- Git extensions

PROJECT MANAGEMENT **TOOLS**

- VSTS
- Trello
- Jira
- Slack
- Basecamp

EXTERNAL APIS AND INTEGRATIONS

- Facebook (oauth 2.0/ rest)
- LinkedIn
- Twitter
- Sales Force (bulk and rest api)
- Zuora
- Zendesk

- Several custom integrations (Europdonror, Rdw, Psygis)
- Several payment providers (Buckaroo Ogone/Bibit/IcePay)

AUTOMATED TESTING

I appreciate the value of automated testing, both Unit testing as Integration/Scenario testing, although I'm not completely TDD quite yet. Especially unit testing Orchestration functions, and testing that it calls certain methods on other objects I'm not a fan of. I believe orchestration should be tested on output and not on how it's done. I use nUnit, Selenium and specflow for automated testing.

Corporate experience

Bejo zaden (2020 Q2 – 2021 Q1)

Responisble for complete build of flexible workflow application used by laboratory and research department of Bejo zaden... Implemented SvelteJS and loved it!... Hope to be able to use this super front end 'framework' more often
Green field to production within 8 months used by 50 laboratory workers and researchers

Team was 1 junior developer, 1 Html/CSS/Designer (for a few days), Full stack developer (myself), 2 SME's and Budget manager.

ASPNetCore / Svelte JS / SqlServer / Entity Framework Core

Fair wear (2020 Q4 –)

Responsible for the build from greenfield to production of Labour minute value calculator. For several countries they have an excel file with calculations to calculate fair prices for garments based both on minimum wage legislation for those countries, and 'target' fair living wages.

This project is set up as a PWA, using an offline first strategy using local indexed db to work offline, and syncing with server when back online

Planned beta delivery around march 1st

Team : 1 Html/CSs, 1 Ux/Designer and 1 Full stack developer (myself)

ASPNetCore / Svelte JS / SqlServer / Entity Framework Core / Dexie JS

Keesing (2020 Q4 - 2021 Q1)

Backend development for Klubble.com.

Team : 4 front end React developers and myself for the backend, growth manager, UX designer, Product owner

ASPNetCore / SqlServer / Entity Framework Core

Deloitte (2019Q1-2020Q2)

Working on platform tax-i.deloitte.nl. Full stack developer

Team : 3 backend developers, 1 front end developer, 3 machine learning developers, and several business analysts and lawyers.

ASPNetCore / VueJs / Angular1 / T-sql / Entity /Azure / Elastic Search

Corona induced exit ☹

Shell (2015-2019Q1)

For the past three years I have been part of the development team that is building an integrated experience for static reservoir modeling and dynamic simulation. We are taking two products which are created each in a separate joint venture of shell and a third party. By using the plugin possibilities of each of these applications we have created a wrapper application which hosts each of these tools and using the api's of each of the tools seamlessly lets you flow from the static modelling and dynamic simulation. Also uncertainty functionality from the dynamic modeling tool can be propagated to the static modelling tool which previously has no support for uncertainty calculations.

The integration team consists of three scrum teams, and we work with strict guidelines, code reviews and must follow coding guidelines and object oriented principles. The code is also thoroughly tested.

In my position here I have played an important role in creating POC's for new ways of using the tool, and practicing careful evangelism to request new ways of being to automate the external tools. A big gain is the introduction of the headless version of the static modelling tool, which allows us to interact with static models on the High performance cluster without starting any GUI's which is not needed during the simulations.

Team: 3 scrum teams with approx 8 senior developers and one product manager for the 'internal' project coordinating in the bigger scale with about 100 more developers

WPF/Winforms/RestAPI (Owin)/Kafka/MongoDB/C#/MStest/SpecFlow/Git

RABOBANK / INTERPOLIS - RISIGO (via 72Media) (2013-2015)

A tool used by Rabobank and Interpolis to help companies get insights to the risks in their businesses and create plans to mitigate these risks. I was one of the main web developers on this project. Project uses Entity Framework and is haunted by some legacy architecture with triggers. This was built on location of a web development agency. The tools aim is as a support tool for business risk analysts to evaluate all possible risks customers in different branches are exposed to, and provide them with a report which measure can be taken to lower these risks, and which risks should be insured.

Team: 2 full stack developers, product owner, scrum master, UX/Designer/Html developer

Javascript/Jquery/C#/Asp.Net MVC/RestAPI/EntityFramework/Selenium/Nunit/Git

Adidas Global (via Sid Lee) (2011-2012)

I worked on several projects for Adidas via Sidlee. Global brand website Womens lookbook, A custom built CMS to aggregate posts from several social media and repost them on the adidas tumblr site, and a facebook integration for having Snoop Dog say a personal holiday greet to a facebook friend in the Christmas month.

C#/PHP/MySql / Javascript/HTML/SVN

Universal Music Group (2003)

At Universal, I worked in a permanent role, on a global royalties billing system. I was part of the team to present a 'new technology (=web) front end for the royalties system. The actual royalty calculations still took place on the Adabas/Natural mainframe which was handled by another team.

C#/Html/SourceSafe/ SQL(Oracle)

Boston Consulting Group (1999-2000)

At BCG, I first worked in Frankfurt, Munich and Dusseldorf, building prototypes together with strategy consultants which they could then use to explain to large development companies to build the software and negotiate better rates, as they could already show almost fully functioning software. Later I was recruited by the Amsterdam (Baarn) office to take part in their incubator as a technology consultant. There incubator program was similar to the StartUpBoot camps you have nowadays, but after a few months they noticed that taking the kind of risks needed to participate in these startups did not fit their business model.

C#/ Sql / Html/ Javascript / CSS

Other projects

Besides my corporate experience I have worked on way to many projects to mention here via my company Human Content. I will just mention a few to give an idea.

LINKBUSTERS

Linkbusters offers premium online anti-piracy services for the creative industry, protecting some of the world's bestselling artists, authors, publishing houses and software publishers.

We built the Distributed spider system, which searches for illegal content by customer publishers and sends takedown notices automatically in order to protect their rights. We use a central webserver distributor, and remote "drones" to analyze pages.

The drones analyze millions of pages daily and report their results to the central distributor.

C# / SQL

TELEVISIE INFORMATIE PUNT

A long time ago I did some work on Televisie Informatie Punt by Spot. It was a web based tool to find suitable broadcasting time for tv adverstisements.

C# / Sql / HTML / Javascript

POSTNL BUSINESSVIEW

Business view is a database with All the companies in the Netherlands. They offer a SalesForce plugin which you can use to either validate the quality of you CRM data, or aquire new leads via a search tool.
I built the API which exposes information from the database and the matching application to the SaleForce plugin. (A C# MVC/API, which queries the database using SQL)

Only 3 million records in database and low volume requests. Challenge here was mainly the limitations on the salesforce API.

C# / SQL

RAYONMODULE

A database which contains all Car sale transactions in the Netherlands for defined regions. I built the import routine which imports the new records which are delivered by VWE at the beginning of each month. The information needed to be normalized and stored in the database.

Also the programming of the webfront end

10 million records.

C# / SQL / HTML / Javascript

V3 / COME.TO REDIRECT ENGINE (1996)

I built the 2nd version of the redirect engine come.to. 20.000.000 records, 7.000.000 redirects per day.

C# / SQL

- **ABN/Amro**
  In cooperation with Boston Consulting Group, I worked on a tool used to do the project management planning of the roll out of the lean offices throughout the Netherlands. C# / SQL / Html / Javascript

- **Respondenten.nl**
  Database used to find people to participate in qualitative market research. The company can define its own varialbes which it wants to use to profile respondents, and then select respondents based on these variables

  Website for the respondents to indicate what they want to join (www.respondenten.nl)

  Website where the customers van see there respondents

  C# / SQL / Html / Javascript

- **Request ROM**

  A tool used by several Mental health institutions to perform Routine Outcome Monitoring C# / SQL / Html / Javascript

- **IKEA (via Basic Orange)**

  A tool used by Ikea to coordinate the installation of the kitchens by 3rd party companies C# / SQL / Html / Javascript

- **Getty Grants**

  A tool used by Getty to manage their Grants submissions   C# / SQL / Html / Javascript

- **Omnicom Media Group**
  An aggregation tool we built to aggregate data from Goolge Analytics, Google adwords and Dart for adverstisers into their Cognos Data warehouse COGNOS / C#

- **Social Sensr**
  Integration of there business backend SalesForce and Zuora. And support on building internal API which proxies the facebook/twitter/linkedin apis so that they can be consumed in a polymorphic fashion C# / APIS

- **WebAds**
  The first version of the ad management software and the ad serving engine
  C# / SQL

EDUCATION

INTERNATIONAL FINANCIAL ECONOMICS (BSC)

Studied international financial economics at University of Amsterdam. Worked as a programmer on the side at Apache BV (not that apache no ☺)

GMAT

Total score: 710; top 2% of US University level (Verbal score: 40; top 8% and Quantitative

HET NIEUWE LYCEUM (VWO)

High school in the Netherlands

COTOPAXI ACADEMY, CIC AND INTERNATIONAL SCHOOL IN PANAMA

Several international (American) elementary schools in South America.