OBJECTIVE

My mission is to deliver custom software that fits organically into a company's way of working to allow that company to keep focusing on their core activities and not the tools that assist them.

CONTACT

- sebastiaan@code20.nl
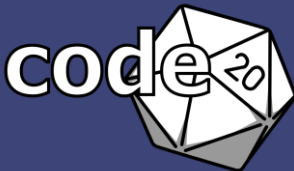- www.code20.nl
- +31 (0)6 55 764 250
- Netherlands

SKILLS

- Python
- C-Sharp
- SQL
- Javascript
- PHP
- HTML

Sebastiaan Vreeken

SOFTWARE DEVELOPER/ARCHITECT

Working as a software developer since 2002 I have developed into a hands-on software architect. My strength is in quickly understanding a company's core activities and how to implement their wishes into fitting software that allows the organization to focus on their core activities and not on the use of the solution.

EXPERIENCE

OWNER CODE 20/CODE 20 B.V.

Mar 2020 - Current

Since I started Code 20 I have worked for various clients designing and implementing software that supports their business need as listed below.

Python / SQL / Javascript

- APG – AM

  Oktober 2022 – Current

  I was brought in by APG-AM to assist the operational teams with their Python script needs to allow them to automate manual tasks and gain efficiency.

- AMC Studios International B.V.

  Jan 2022 – Sep 2022

  As part of a centralizing strategy around media management I was brought on the investigate how the I solution build for the Amsterdam office could be rebuilt and applied to the global organization.
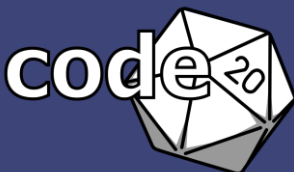

- SES Satellites

  Jun 2021 – Dec 2021

  For SES and a big cloud provider partner I worked in a team consisting of people from both parties to create a design for a marketplace that could leverage the cloud provider technology and SES landscape knowledge and 3rd party partners.

- Kansspelautoriteit

  Sep 2020 – May 2021

  Part of the Dutch Government their permit program for online gambling the suppliers need to provide anonymized data. I designed and implemented the system to retrieve these data packages from the suppliers and store them within a data system that allows the Kansspelautoriteit to analyze if suppliers are complying with legal requirements.

- AMC Studios International B.V.

Mar 2020 – Aug 2020

The Amsterdam branch of AMC Networks needed a system to assist in tracking contracts vs needed material. I wrote a web-based system that takes the contract information and delivery requirements to determine if all needed material is available or if needed but not available to assist in tracking the ordering van QC process.

Technical Lead DMC, a TVT Company
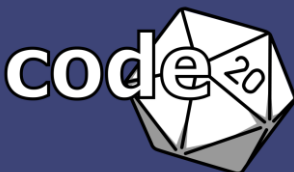
Jun 2012 – Mar 2020

My tasks here were to oversee all internal software development. Initially this meant I was the lead developer that would work on extending our internal .NET application to support new requests from our customers including completing a new application that allowed customers to directly search their archive that is stored with us along with a fully automated outgest workflow for retrieving and delivering these files. For a company renewal/realignment a focus shift was made to go from a Microsoft-oriented environment to a Linux one. As a result of this, development was shifted from .NET to Python. I was put in charge of designing and overseeing the implementation of a media calculating system that, based on customer-supplied schedules, would generate media and maintain its lifecycle. After the introduction of the system, I was in the lead for assembling and later supervising a new development team that was partially based in Krakow, Poland, and partially in Amsterdam, the Netherlands.

Python / MariaDB / .NET / MSSQL / RabbitMQ

ICT Manager Emolife Fundraising

Mar 2011 – Jun 2012

My role here was to extend the existing application that I had built in my previous employment, and which had been extended by several developers. The existing PHP code and MySQL database were left in an almost unaltered state and new functionality was added using .NET, graphed onto the existing database and extended into a new database. Part of the new functionality was building a system that would process the sales result documents and prepare them for data entry as well as integrating the system with call center software with automatic interfacing in and out of the system. As part of my employment, I assisted in transitioning from an internal

IT department that did hardware and software to two external companies, one for hardware/application support and a second company to do the application development.

.NET / MySQL / JavaScript

Software Engineer Chellomedia

Jul 2009 – Feb 2011

As a software engineer at Chellomedia, my focus was on extending their .NET application which supported the conversion between formats provided by customers and required by the playout software. This ranged from scheduling and asrun les to media validation against planning systems.

.NET / MSSQL

Application Engineer Sogeti Nederland B.V.

Sep 2006 – May 2009

Working as a consultant for Sogeti I was hired out to work as a developer on projects ranging from pension calculating applications for banks, web applications for the government and handheld scanner software for a flower auction company. During my employment I also was hired out as a support engineer for a JBoss message queue system that was used by a Java application for an energy provider.

.NET / MSSQL / PHP / JBoss
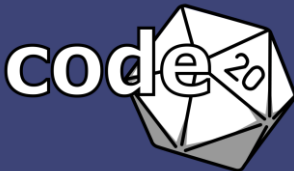
ICT Manager The Sales Unit

Feb 2005 – Aug 2006

For this face-to-face marketing company, I wrote a wage calculation system that was based on replacing an excel-driven reporting system. The system would consider the bonus structure for employees as well as doing recalculation for what needs to be deducted from future payments in the case of rejected sales within a fixed period. This was later extended with a planning tool that would allow shift planning and give employees access to their shift and earning calculations. The entire application was internet-based.
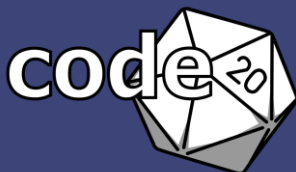
PHP / MySQL

Programmer Various

Before – 2004

Between the age of 18 till the start of my University I worked for several employers doing work mainly related to web development. This was using HTML 4 and JavaScript for Front End and using Perl and PHP to do Back End calculations. Among the projects that I worked on were several websites that used a unique templating system that would allow franchises to select a site style and have it prepped with their data while being able to edit this, all without any HTML knowledge.

PHP / Perl / HTML / JavaScript

EDUCATION

INFORMATICA & INFORMATIEKUNDE Hogeschool Inholland

2003 – 2005

Bachelor's degree. Returning to this study, I was given the opportunity to complete both 2nd and 3rd-year course material in 1 year allowing me to graduate with the first batch of 20 students out of the 60 that started the course as such completing the 4-year study in only 3 years.

ARTIFICIAL INTELLIGENCE Universiteit van Amsterdam

2002 – 2003

During my First year in this study, I realized that the practical part of programming had a bigger appeal to me than the theoretical part which resulted in my decision to transfer back to my previous bachelor study at HTS Haarlem.

INFORMATICE & INFORMATIEKUNDE HTS Haarlem

2001 – 2002

I started this course to receive my Propeduese and be eligible for enrollment in Artificial Intelligence at the University of Amsterdam. The year that I started was also the first year that the study was introduced.