

## Curriculum Vitae

### Personal data

Name	John van Cadsand
Company	Cadsand Software
Residence	Wageningen
Telephone	06-22376368
E-mail address	<a href="mailto:john@cadsandsoftware.nl">john@cadsandsoftware.nl</a>
Date of Birth	September 13, 1975
Nationality	Dutch
Driving license	A, B, E
Function	Senior .NET developer
ICT experience since	1999
Specialism	Microsoft .NET / C# / T-SQL

### Profile

Pro-active and organized are nouns that apply to me.

I am a versatile programmer with supervising capabilities. A team player who has the ability to work independent. My soft skills are good. I can communicate well, both with internal and external people. I adapt easily to new environments and I can quickly pick up new things and apply them directly. I have a great perseverance and creative mind.

In the ICT I have broad experience (12+ years) in the software development industry in various fields including development, design and analysis. I have a lot of experience and knowledge of databases and in particular design and management.

The projects I have done range from small to large and in various branches, like the financial, agency and agricultural sector. The types of projects vary from logistics systems to management systems.

The kinds of projects I aspire are larger projects in the financial and agricultural sector, but other branches or project sizes are certainly challenging. Preferably I see myself in the role of Senior Software Engineer and in the function lead-developer or project manager.

### Education

The following courses have been successfully completed.

- HBO Informatics (September 2003 - January 2008).
- HBO Agricultural (plant growing) (September 1993 - June 1998).

## Certifications and courses

My certifications are **Certified Scrum Master** and **Microsoft Certified Application Developer (MCAD)**.

At the moment I am busy with

- Developing Windows Azure and Web Services (70-487)
- Programming in HTML5 with JavaScript and CSS3 (70-480)

The following certifications have been achieved

- Developing ASP.NET MVC 4 Web Applications (70-486) (February 2014)
- Certified Scrum Master (March 2012)
- TS: Microsoft. NET Framework - Application Development Foundation (70-536) (August 2010)
- Prince2 Foundation and Practitioner (June 2009)
- Developing XML Web Services and Server Components with Microsoft Visual Basic. NET and the Microsoft. NET Framework (70-310) (March 2006)
- Developing and Implementing Windows-based Applications with Microsoft Visual Basic. NET and Microsoft Visual Studio. NET (70-306) (March 2006)
- Designing and Implementing Databases with MS SQL Server 2000 Enterprise Edition (70-229) (March 2002)
- Designing and Implementing Desktop Applications with MS Visual Basic 6.0 (70-176) (May 2000)

## Skills

The number of stars indicates the level of knowledge. From minimum \* to maximum \*\*\*.

Programming	Techniques	Databases	Miscellaneous
C# ***	OO ***	SQL Server ***	.NET Framework 3.0 ***
VB.NET ***	Scrum ***	MS Access ***	.NET Framework 3.5 ***
Transact-SQL ***	Agile ***	Dataware housing **	.NET Framework 4.0 ***
SQL ***	Datamodelieren ***	Oracle *	.NET Framework 4.5 **
ASP.NET ***	SOLID **	MySQL *	WPF *
ASP.NET MVC **	Prince 2 **	Db2 *	WCF **
LINQ **	RUP **		SVN ***
Crystal Reports **	ITIL **		SourceSafe ***
HTML **			TFS **
JavaScript **			Windows 8 ***
CSS **			Windows 7 ***
JQuery *			Windows Server **
PHP *			IIS **
Java *			XML ***
PL/SQL *			Entity Framework 5.0 **

## Languages

Dutch (native), excellent verbal and written.

English, good spoken and written.

French, reasonable spoken and written.

German, moderate in speech and writing.

## Experience

Periode: **April 2014 to May 2014**

Bedrijf: WPS Hortisystems BV in De Lier

Afdeling: Development

Functie: Senior Developer

Project: Logistics systems for pot plant nurseries

This product is installed at a reasonable number of clients. The application consists of a framework and a client specific part. The application is built with Visual Studio 2008&2010. As database SQL Server 2008R2 is used. The application uses server/client technology. Rfids are processed through a PLC layer.

Work: A list with adjustments and bugfixes was given and needed to be processed. I did this independent. I had contact with the customer about the proposed solution and the fixes were installed at the customers place.

Technologies: C#, SQL Server 2005 / 2008, .NET Framework 4.0, LINQ, WCF, WPF

Tools: Visual Studio 2008/2010/2012, SQL Management Studio 2012, Resharper, SVN

Period: **October 2013 to February 2014**

Company: Conclusion BV in Utrecht

Department: ICT Projects

Function: Senior Developer

Project: CVS (Client Volg Systeem)

This software was a system to follow clients. This was a large generic system, which the customer could configure themselves. A lot of data of the clients could be registered. The system was integrating with many third party systems. It was mainly used at health care and governmental organizations.

Work: As a Senior Developer I worked in a team of 6 developers fully in Scrum. In my role I was responsible for the translation of a functional design to a technical design. Also code review, implementation and (unit) testing was part of this role. The first part of this project was adding SMS functionality to the appointment module of the system. Furthermore I added some other parts and did some bug fixes.

Technologies: C#, ASP.Net, SQL Server 2005 / 2008, .NET Framework 4.0, Agile, LINQ, JavaScript

Tools: Visual Studio 2010/2012, SQL Management Studio 2012, Resharper, TFS

Period: **April 2013 to October 2013**

Company: ABN Amro Nederland N.V. in Amsterdam

Department: Investment banking (Risk IT)

Function: Senior Developer

Project: Basel III

This software was made as a module in a large suit. In this module about 15 files from various source systems are imported in a database. With this data several risk calculations are performed. The outcome is reported and sent to other systems within the bank or controlling authorities. These calculations and reports are necessary for the Basel III chain.

Work: As a Senior Developer I worked on this project alone. In this role I was responsible for the translation of the functional design to the technical design, the implementation and (unit) testing the code. At the end I needed to hand over the project to people from TCS.

Technologies: C#, ASP.Net, SQL Server 2005, .NET Framework 3.5, Agile, LINQ

Tools: Visual Studio 2008/2010, SQL Management Studio 2008, Resharper, MS Visual SourceSafe

**Period:** July 2009 to present  
**Company:** Keur-IT BV in Nieuwegein  
**Position:** Senior Developer / Lead Developer / Software Consultant  
**Project:** Development, maintenance, professionalization and consultancy of the Keur-IT package  
 This is a system that can perform (architectural, technical engineering and technical infrastructure) inspection following certain standards. The application consists of a configuration and standard module, an inspection module and a reporting module. This package runs on PCs, tablets or handhelds. There are several reports and it is integrated with various Facility Management Systems.  
**Work:** My responsibilities are expanding, maintaining and professionalizing the software on technical and content area. This includes business analysis, design and programming, as well as implementation and support.  
 I am also responsible for some consulting, training and various helpdesk activities. And last but not least I manage and support the other developers at Keur-IT.  
**Technologies:** C #, VB.Net , Windows Forms, SQL Server Compact 2005, NET Framework 2.0 - 3.5 , NET Compact Framework , Access, XML , XSD , Microsoft Report Designer , LINQ  
**Tools:** Visual Studio 2010, Microsoft Access, Resharper, Subversion, Tortoise SVN, Microsoft Word, Microsoft Excel

**Period:** January 2013 to March 2013  
**Company:** ABN Amro Nederland N.V. in Amsterdam  
**Department:** Investment banking (Risk IT)  
**Function:** Senior Developer  
**Project:** Customer Excellence support system  
 This software was made to process the daily hour planning, reporting and more related activities to support the Risk IT department for the Customer Excellence process. Within the software the user was able to plan and book their hours according to a specific algorithm.  
 The application consists of a web interface made in ASP.Net MVC 4.0 and for the data repository we used a SQL Server 2008 database with Entity Framework 5.0 on top of it.  
**Work:** As a Senior Developer I worked on this project alone. I was responsible for the design. By means of Scrum I captured the progress and the release timeline.  
**Technologies:** C#, ASP.Net MVC 4.0, SQL Server 2008, Entity Framework 5.0, .NET Framework 4.0, Agile, LINQ  
**Tools:** Visual Studio 2010/2012, SQL Management Studio 2008

**Period:** January 2011 to April 2013  
**Company:** ABN Amro Nederland N.V. in Amsterdam  
**Department:** Investment banking (Risk IT)  
**Function:** Senior Developer / Technical specialist  
**Project:** Credit and Market Risk Management system  
 This project started as a migration of software. A business critical application (Total Risk) needed to be migrated to a new platform. We also had to take a look at the stability and performance. Total Risk is an old application (1999) which they already tried to migrate a few times, but without success. There was no vendor, no support and no sourcecode. De migration and stability improvements succeeded. After this I kept supporting the application. For the stabilization I developed a few small tools in C# or Ms-Dos. After the migration we had to replace this system. For this purpose we had to get the whole application enterprise architecture clear.  
**Work:** As a Technical specialist I was responsible for the technical part of the migration. I advised about replacements and processes and gave technical support to the business analysts. I also had the opportunity to be the project manager and was leading people. With this project I learned a lot about Risk by means of VaR calculations, PnL, Basel II and III and several other financial risk indicators.  
**Technologies:** ASP.Net, SQL Server 2005, .NET Framework 3.5, Windows services  
**Tools:** Visual Studio 2010/2012, SQL Management Studio 2008

**Period: January 2011 to April 2013**  
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**Department:** Investment banking (Risk IT)  
**Function:** Senior Developer / Technical specialist  
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**Technologies:** ASP.Net, SQL Server 2005, .NET Framework 3.5, Windows services  
**Tools:** Visual Studio 2010/2012, SQL Management Studio 2008

**Period: November 2010 to December 2010**  
**Company:** Conclusion BV in Utrecht  
**Department:** ICT Projects  
**Function:** Senior Developer / Lead developer  
**Project:** Extending and maintaining a phone number issuance system  
 In this system it is possible to issue numbers in ranges and maintain them, maintain customers and create various reports. The application is a multi-tier application to keep the maintainability and extensibility.

**Work:** My role was lead developer within the development team. The team consists of 6 members. I distributed the tasks and gave technical and functional direction to the other developers. Besides I was the right-hand of the project manager.

**Technologies:** C#, Entity Framework, Windows forms, SQL Server 2008, .NET Framework 2.0  
**Tools:** Visual Studio 2010, Microsoft Report Designer, SQL Management Studio 2008

**Period: March 2010 to July 2010**  
**Company:** ABN Amro Nederland N.V. in Amsterdam  
**Department:** Investment banking (Risk IT)  
**Function:** Senior Developer / Technical specialist  
**Project:** Credit Risk Management system  
 This Credit Risk Management system (TEMPO) integrates with other financial systems, eg. Colline, Sophis, Adaptiv and GoldFish. TEMPO is an application which imports and exports data from various systems. The system is built on a self-constructed workflow engine. The data is being checked and passed through.

**Work:** I was responsible for porting the web part from the .NET framework 1.1 to the .NET framework 2.0. Furthermore I expanded and accelerated the ASP.NET application. The performance gain was implemented on database level. The ABN Amro was very pleased with my commitment and capacity.

**Technologies:** C#, ASP.NET, .NET Framework 1.1, .NET Framework 2.0, SQL Server 2005  
**Tools:** Visual Studio 2008, SQL Management Studio 2005, Crystal Reports

**Period: June 2009 to July 2009**  
**Company:** Capability in Nieuwegein  
**Function:** Senior Developer  
**Project:** Middleware application  
 In this project I built a middleware layer ie an interface layer between various business critical systems. The application consists of a layer where the customer data processed properly through different applications. The application is designed, built and tested together with the client.

**Work:** The application was designed, built and tested totally independent but together with the client. During the development process there were many new insights, which were handled well. The result is that the client needs less time than before and also fewer mistakes were made, because less people need to anticipate in the process.

**Technologies:** C#, Webservices, XML, XSD, T-SQL, .NET Framework 3.5, SQL Server 2005  
**Tools:** Visual Studio 2008, SQL Management Studio 2005

**Period: April 2008 to May 2009**  
**Company:** WPS Horti Systems BV in De Lier  
**Function:** Senior Developer / Support specialist  
**Project:** Logistics systems for pot plant nurseries  
 This solution was developed for various growers. The application consists of a general framework and a customer specific part. This section has been customized at the growers needs. This part was designed, developed, tested and implemented together with the customer. Everything was coded in C# in an object oriented environment. We communicated with a PLC through the memory. The plants were identified with RFIDs in the jar. After a project for one grower was completed, there was support and any adjustments made by the Service team.

**Work:** Together with other developers we delivered 2 projects to the growers. Designing, coding, testing (first at the office, later at the customer's location) and implementation were done by me. Later in time I delivered a project on my own responsibility. My responsibilities were at the customer specific part, communication with the grower on technical matters, meetings with various departments, also with suppliers. The last 3 months I was part of the Service team. My responsibilities there were registering customers who had problems and ensure that these problems were solved. Sometimes extra work was needed for a customer. This was done under my full ownership, except the financial part.

**Technologies:** C#, SQL Server 2005, .NET Framework 2.0-3.5, Remoting, Webservices, LINQ, WCF  
**Tools:** Visual Studio 2005\2008, SQL Management Studio 2005, Subversion

**Period: October 2005 to April 2008**  
**Company:** ABN Amro Nederland N.V. in Amsterdam  
**Department:** Investment banking (Risk IT)  
**Function:** Senior Developer  
**Project:** Credit Risk Management system  
 During this project I was involved with the development of a credit risk management system. This system was to ensure that the ABN Amro had more insight into the risks they had with their trades. All kinds of trades were captured, eg. Equity, equity derivatives, structured products and exchange products. The application reads a lot of data from various other applications (data sources). The data is read from different sources, e.g. Excel, XML, SQL Server and .csv. These data sources were read into a database using an ETL layer. The kind of data was from Bloomberg, RiskMetrics, Basel, Adaptiv and several other parties. The application calculated credit risk, these figures were used all over the world at ABN Amro offices.

**Work:** The development team started as 1 person and grew to 6 people. I joined as second and got the role of lead-developer. There was much contact with the business during design, test and implementation. My responsibilities were database design and management, application design, coding, testing and releasing. The role of project manager was fulfilled now and then. There was a lot of communication with the developers and users in London, because the application is partly developed there.

**Technologies:** C#, ASP.NET, SQL Server 2000&2005, XML, Business Objects  
**Tools:** Visual Studio 2008, SQL Management Studio 2005

- Period: October 2007 to March 2008**  
**Company:** Select AV in Hilversum  
**Function:** Senior Developer  
**Project:** Planning system for employment agency  
 For Select AV (earlier part of the Vedor Group), an agency in the media industry, a planning system was designed. The users could easily schedule or plan people on various projects.
- Work:** In this project I was responsible for the application and database design. Emphasis was also contact with the customer, since it was specially designed to the wishes of the customer. The work was done in the evening parallel to my work at the ABN Amro. Select AV was very satisfied with the application. Even when they were acquired by Randstad, they wanted to keep using this application. They were more or less forced to use standard software. They are still working to full satisfaction with it.
- Technologies:** C#, T-SQL, SQL Server 2005, Crystal Reports 9.0  
**Tools:** Visual Studio 2008, SQL Management Studio 2005
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- Period: August 2005 to October 2005**  
**Company:** Rabobank in Utrecht  
**Function:** Developer  
**Project:** Registration system  
 This system registered information from the various local banks. It was envisaged that the office easy and in many ways got various views on the information. The database was setup as a datawarehouse.
- Work:** In this project I made several stored procedures, ASP.Net pages and reports. I also helped to test the application.
- Technologies:** C#, T-SQL, SQL Server 2000  
**Tools:** Visual Studio 2005, SQL Management Studio 2000, Crystal Reports, ETL
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- Period: August 2003 to April 2008**  
**Company:** Beekhuis Computer Solutions (Ovotrack) in Leersum  
**Function:** Developer  
**Project:** Logistics system for egg packing centers  
 For BCS I was involved in the development of Ovotrack. This product is a logistics solution for egg packing centers. At first, the application was developed in VB6 with a SQL Server 2000 database. Later on we switched to a C# 3.0 framework and SQL Server 2005. The application provides a solution for tracking and tracing eggs in an egg packing station. Starting at the farm (suppliers) to the store the eggs could be tracked and traced. This was done by means of barcodes.
- The application communicated with various machines, from scales to egg grading machines. Data of these machines were saved in the database. Orders could be created or imported from various linked accounting programs. It was possible to scan barcodes on a Pocket PC and synchronize those via cradles or infrared. There were various overview reports for the users. The whole solution runs at egg packing centers in several countries in Europe.
- Work:** In this project I was responsible for database design and management. Furthermore I was responsible for the transition from VB6 to C#. The aim was to recreate the whole application in C#. The object orientation abilities of VB6 were not enough and therefore the application was harder to maintain than a newer programming language. We have chosen C#, because it suited the best to the way the application was programmed and working. For the construction of a data layer, all possibilities of LINQ and NHibernate were investigated. I helped to support the implementation at various customers to be successful. In addition I was responsible for all the reports.
- For my informatics course I did my master's thesis on RUP. The goal was to implement RUP in a small company like this.
- I helped to make Ovotrack known. It still is in use.
- Technologies:** VB6, C#, .NET Framework 3.0, SQL Server 2005, XML, RS232, HTTP, FTP, .NET Compact Framework, Windows CE, SQL Server Reporting Services (SSRS)  
**Tools:** Visual Studio, SQL Management studio

Period: **May 1999 to August 2005**

Company: Various

Function: Developer

Project: Various

During this period I did several projects.

Work: I have a lot of experience as a system manager. Installing and configuring servers and PC's was part of the job.

My responsibilities were divers, from programmer to the full management of a software department. Managing people was also a part of my work.

Technologies: VB6, SQL Server 2000, Crystal Reports, PHP, MySQL, ASP, XML, Access.