

## Curriculum Vitae

### Personal

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Birth date	21 March 1969
Driver's license	B

### Education

1992 – 1997	Institute of Technology (HTS), mechanical engineering, Eindhoven Main subject Mechatronics
1991 – 1992	Institute of Technology (HIO), computer science, Eindhoven
1987 – 1991	Intermediate technical school (MTS), mechanical engineering, Tilburg
1983 – 1987	MAVO D-level, Tilburg

### Courses

2001	Object-Oriented Analysis and Design for Client/Server Development
2001	Fast Track to Adaptive Server Enterprise 11.5
2001	Introduction to SQL for Adaptive Server Enterprise 11.5
2000	Delphi and COM/DCOM
2000	Delphi Component Creation
1998	Delphi Client/Server Techniques
1998	Delphi Foundations

### Work experiences

2006 - present	Erase Computer Software BV, Kruisland ( <a href="http://www.eraze.nl">www.eraze.nl</a> )
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#### Web Application Developer

Erase is specialized in providing design, development and support services for custom software solutions across the full life cycle of such systems. Eraze also provides consulting services to companies and development teams in areas such as data model design and review, architecture reviews, (new) tools and technologies or help teams improve their development processes.

- Currently developing a new web interface for a well integrity management solution that integrates with the SAP Plant Maintenance module for scheduling maintenance and monitoring corrective work. The application is using an Oracle 9i database with SQL/XML, Microsoft .NET

Framework 2.0, C#, ASP.NET, Web Services, HTML, CSS, JavaScript and ASP.NET AJAX.

2003 – 2006            NetMatch BV, Tilburg ([www.netmatch.nl](http://www.netmatch.nl))  
**Web Application Developer**

NetMatch is a company providing internet services for the travel industry. The main product is TourWeb, a system that makes it easy for tour operators to sell their trips through the internet. The main parts of this system are the CMS, MIS, CRM and a reservation module that interfaces directly with a back office systems (either Kantef or DaVinci) and Galileo, a central airline reservation system.

- Co-designed and developed a web based framework for making reservations using the DaVinci reservation system which is used directly by the end users (B2C eCommerce sites such as [www.snp.nl](http://www.snp.nl)). The application has been developed using ASP.NET in C# and uses MS SQL Server 2000. It communicates with the remote reservation system (which is running at the clients central offices) using a web service we designed and built. The actual booking process is asynchronous from the web UI thru the use of message queuing (MSMQ). To make the user interface more responsive, 'Ajax' style techniques have been used; Atlas (MS implementation of an Ajax framework) has been used in the most recent projects.
- Architect and lead developer for the integration of the Galileo central airline reservation system with the TourWeb reservation module, using ASP.NET 1.1 and C#. The system communicates with Galileo using web services and presents the result using custom web controls. This makes it very easy to communicate with the complex Galileo online reservation system.
- Lead developer for the web sites (including implementation of the booking engines) of SNP Reizen ([www.snp.nl](http://www.snp.nl)), Hapag Lloyd ([www.hlkf.de](http://www.hlkf.de)) (online booking only), Rhomberg ([www.rhomberg.at](http://www.rhomberg.at)) and Manta Reisen ([www.manta.ch](http://www.manta.ch)) using APS.NET 1.1 and 2.0 with C# and MS SQL Server These site make extensive use of JavaScript and asynchronous communication with the server to improve the user experience (i.e. Ajax techniques).
- Introduced unit testing and test driven development in the development process using NUnit and TestDriven.NET.
- Introduced the Rational XDE modeling tool for designing and documenting the applications.

2001 – 2003            TotalWeb Internet Applications, Eindhoven  
([www.totalweb.nl](http://www.totalweb.nl))  
**Internet Application Developer**

TotalWeb Internet Applications is specialized in developing high-end e-commerce and e-business projects.

- Co-designed and developed the web based e-Government application for the city of Eindhoven. This 3-tier application was developed using Delphi and used the open source Firebird database. It also used the Bibit online payment system and was a pilot for using the PKI authorization system.
- Architect and lead developer for a marketing management system for MOL Logistics. This system used Delphi to generate marketing material, in PDF format, that was tailored to the needs of a possible new or

existing customer.

- Architect and developer for a web based real time tracking and tracing application for FleetNav. This system is used for monitoring the position and condition (temperature etc.) of containers all over the world. I was developed using Delphi and communicated using XML over TCP/IP with the containers and used the open source Firefox database as backend.

1998 - 2001                      Cadatec / Isah Engineering Software ([www.isah-es.nl](http://www.isah-es.nl))  
**Application Developer**

Isah Engineering Software is a company specialized in automating the process of creating and managing technical drawings using Autodesk software.

- Co-designer and developer of the IsahPDM framework that makes it possible to integrate the AutoCAD (CAD) and Isah7 (ERP) applications. This framework was developed using Delphi and a Sybase database.
- Architect and developer of a COM interface for the IsahPDM framework that made it possible to fully customize the framework to the specific needs of the customer.
- Designer and developer of a document flow management application used for managing the flow of technical drawings. This application could use both Sybase and MS SQL Server as databases and was developed using Delphi. For making this application as flexible as possible it also contained a complete COM interface and a Delphi, Visual Basic or Javascript scripting engine.
- Architect and developer of an application, for Waco Liesbosch Beton, which could configure sewer drains based on a complex set of measurements and send this configuration to the machine for producing them. This application was developed using Delphi, MS Access and communicated with the machine using the RS232 protocol.
- Architect and developer of an application, for Hoogovens, that controlled a robot arm used for putting different shaped aluminum half products onto a pallet. This Delphi application calculated the best way to put products on the pallets and used the result to operate the robot arm. The communication with the various parts of the system was done based on the RS232 protocol.

1997 - 1998                      AZTEC Engineering B.V. ([www.aztec.nl](http://www.aztec.nl))  
**Mechanical Engineer**

AZTEC Engineering B.V. is a multidisciplinary engineering office.

- Created the technical drawings, using AutoCAD for an attraction in amusement park 'De Efteling'.
- Programmed extensions for AutoCAD that made it easier for the engineers of Assenburg to create technical drawings based on standards defined by the company. This was done with AutoLisp, the programming language for AutoCAD.

### Technical Skills

Microsoft .NET, C#, ASP.NET, Web Services, Atlas,  
Delphi, WebHub,  
Ruby, Ruby on Rails,  
Interbase, Firebird, Sybase, MS SQL Server, MySql,

HTML, XHTML, CSS, JavaScript (Ajax), IIS,  
XML, XSLT, XPath,  
UML, OOAD/OOP, COM, TCP/IP,  
Design patterns, Refactoring, Unit Testing, and Test Driven Development

### **Hobbies**

My personal playground for trying out new technologies: [www.mqaa.nl](http://www.mqaa.nl).

The technologies used so far:

- ASP.NET 1.1 with Access database
- ASP.NET 1.1 with MS SQL Server 2000
- ASP.NET 1.1 with Oracle database
- ASP.NET 2.0 with MS SQL Server 2005
- ASP.NET 2.0 with MS SQL Server 2005 using DLinQ
- ASP.NET 2.0 with db4o object database
- Ruby on Rails with MySQL database
- dasBlog blogging engine
- SubText blogging engine

Playing the clarinet, photography, riding bike, walking, reading and traveling.

### **Personal Characteristics**

Enthusiast, independent, inquisitive, involved, helpful, calm, and always in a good mood. I'm always looking for opportunities to learn new things and I can quickly become proficient with new tools, techniques and technologies.