

Curriculum Vitae

A business engineer and web developer who is passionate about programming, the internet, web standards and free/open-source software.

Personal details

Full name: Sander Marechal
Date of birth: 21 October 1979
Location: 's-Hertogenbosch, The Netherlands
Nationality: Dutch
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Work experience

[Tribal Internet Marketing](#)

Programmer / Business Analyst in 's-Hertogenbosch, The Netherlands from April 2007 – Present

I worked on a variety of internal projects. One of them was a fully automated report generating system based on ODF and XSLT with the data coming from various external XML-RPC sources. I also performed basic Linux system administration on web servers.

[DHL/Exel Supply Chain](#)

Application Analyst in Nieuwegein, The Netherlands from Januari 2005 – March 2007

I administered and analysed a variety of warehouse management systems plus their eco system of derived intranet applications, databases, tools, EDI flows and reporting engines for multiple DHL sites. The applications were built using a variety of languages and techniques but VBA/ActiveX coupled with MS-SQL were the most common one's.

I also designed, built and implemented Elsi, a PHP/MySQL application for tracking support requests. It's based loosely on the [phpBB 3](#) core and the look-and-feel of [Bugzilla](#), but aimed at support tracking. It currently serves 6 sites totalling a couple of hundred users and several thousand registered calls. Stress-testing showed it can handle well over 200.000 calls with complex queries and reporting.

Vermeer Logistics B.V.

Logistics Trainee in 's-Hertogenbosch, The Netherlands from September 2003 – December 2004

I performed a variety of logistics related research and helped out with IT support. I also developed a web application to track the flow of goods, measure a variety of performance indicators and provide custom reporting for both Vermeer as the [Heineken](#) brewery about our performance levels. This tool was bought by DHL/Exel and is still in use today.

Aside from the above jobs I have worked during my education in a variety of part-time functions such as mailman, driver and cashier from 1994 to September 2002.

Other related activities

[Stichting Lone Wolves](#)

Programmer in 's-Hertogenbosch, The Netherlands from November 2003 – Present

Stichting Lone Wolves is a small two-person foundation I co-founded that develops standards-based websites for small to medium businesses. We use the money we earn to fund our

free/open-source hobby projects. Some of the projects we have done:

[Gnome hearts](#)

A hearts card game I developed because [Gnome](#) did not have one yet and [KDE](#) only has an [implementation](#) that is no longer actively developed.

[Stockwise](#)

A website we developed for a self-storage company. There's an administrative backend so the client can manage parts of the website by himself. The artwork was done by an external design agency.

[ISTH](#)

A website project for an industrial systems builder. The catalog backend allows the client to manage pages with a mediawiki-like parser.

Technical skills

- Programming languages
 - Good: PHP, (X)HTML, CSS, JavaScript, SQL (SQL-99, MySQL, MS-SQL), C, Lua
 - Basic: C++, Python, VBA, sh
- Standards and API's: HTTP, Mime, SOAP/WSDL, XML-RPC, Microformats, AJAX, OpenGL, RSS/Atom, Debian packaging
- Operating systems: Linux/BSD (Debian, Ubuntu, Suse, FreeBSD), Windows (98/2K/XP), OpenVMS (basic)
- Applications: Apache, MySQL, Subversion, Bugzilla, (Open)Office, Bluefish, HTML-Kit, GNU Toolchain, Glade, GIMP, PaintShop Pro, Océ Print Solutions, Powerforce Unison, PHP-Nuke, phpBB, MediaWiki, APT

Education

[Fontys Hogescholen Eindhoven](#)

October 2000 – September 2003. Graduated as Bachelor of Business Engineering. During this time I completed the following projects:

Vermeer Logistics

Analysis of the logistics flow. This resulted in a statistical model that could be used to predict bottlenecks and recommendations on a long term company strategy.

[Grasso](#)

Documenting work processes and restructuring an assembly line.

[Technische Universiteit Eindhoven](#)

September 1998 – October 2000. After two years of the course for Master of Business Engineering I switched to the Bachelor course due to a lack of higher calculus skills.

Frederik Hendrik College 's-Hertogenbosch

September 1992 – May 1998 . Graduated Atheneum with the courses Dutch, English, German, Math, Advanced math, Economy, Business economy and Physics.