

Curriculum Vitae

Philip Van Hoof

Consultant – software developer

<http://codeminded.be>

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Personalia

Nationality	Belgian
Gender	Male
Year of birth	1981

Languages

	Very Good	Good	Notions
Dutch	Mother Tongue		
English	+		
French			+

Education

Year 2002	Informatics
Year 2003	Horito - Turnhout
Year 2000	Informatics KTA-De Merodelei - Turnhout
Year 2007	Company management FOD Economie, K.M.O, Middenstand en Energie

Business knowledge

2005	Startup of a one-person company
2006	Cooperation with Codethink Ltd.
2007	Degree company management
2007	Startup of Codeminded BVBA
2008 - ongoing	Sales cooperation with Codethink Ltd.

Knowledge summary

Specialisations	C, C++, libc, POSIX, VC++, D, Vala Linux Kernel Development GLib / GObject, GNOME Motorola 68332 assembler C#, VB.NET and .NET Python, PHP, Perl Design patterns, Scrum, DBC, unit testing
Development environments	Microsoft .Net Framework, .Net Compact Framework 1.0 & 2.0, Visual Studio 2003 / 2005 Autotools & Automake, GNU Compiler Collection
Databases	SQLite, MS-Access, SQL Server 2000/2005/Mobile/2005 Express, Oracle 9i/10g, PostgreSQL, MySQL, DB2, Pervasive SQL
Operating systems	Windows 95 to Vista, Windows 2000 server, Windows 2003 server, Small Business Server, Windows CE 4.20/ 5.0, Windows Mobile 2002/2003/2003 SE/2005 Linux Fedora, RedHat Enterprise, CentOS, Suse, Ubuntu, Sun Solaris, FreeBSD

Sport and hobbies

Recreational diving	PADI Open Water diver (Kos August 2011) PADI Advanced Open Water Diver (Kos August 2011)
Other sports	Squash (weekly), Badminton (weekly), Skateboarding

Nokia #4	
Period	May 2008 - (ongoing)
Project	Development of a mobile metadata search engine called Tracker. This is the metadata storage solution used on the Nokia N900 (Maemo5) and Nokia N9 (Harmattan MeeGo).
Technologies	Maemo4 (Diablo, Nokia N810), Maemo5 (Fremantle, Nokia N900), MeeGo Harmattan (Nokia N9), Vala, C, GLib & GObject, Dbus, Glib-DBus, Autotools & automake, SQLite, SPARQL, Nepomuk
References	<ul style="list-style-type: none"> • Ivan Frade <ivan.frade@nokia.com> (project manager) • Javier Fernandez Hidalgo <Javier.Fernandez-Hidalgo@nokia.com> (project manager) • Urho Konttori <urho.konttori@nokia.com> (project manager) • Jürg Billeter <j@bitron.ch> (software developer)

Clock-O-Matic for TASS	
Period	May 2008
Project	Training developers to implement a Gtk+ application on open-embedded using GMAE components
Worked with	Gerrit Van Elst < Gerrit.Van.Elst@clock-o-matic.com >

Nokia 1#, 2# & #3	
Periods	January 2008 - April 2008 January 2007 - December 2007 January 2006 - December 2006 (parttime)
Project	Development of Modest, a mail user agent for mobile & embedded. Built on my framework Tinymail. http://tinymail.org , http://modest.garage.maemo.org
Technologies	Maemo4 (Diablo, Nokia 770, N800 and N810), C, GLib & GObject, Gtk+, check, Camel & Evolution Data Server, Autotools & automake, Network Manager, GNOME, Maemo4, GMAE
References	<ul style="list-style-type: none"> • Dirk-Jan Binnema <dirk.jan-binnema@nokia.com> (project manager) • Sergio Villar Senin <svillar@igalia.com> (software developer)

Alstom	
Period	November 2007 - February 2008
Project	MP82. Development of an embedded system to drive power electronics of trams in Mexico city.
Technologies	Motorola assembler, C, Motorola 68332 microcontroller

Alcatel-Lucent #2	
Period	April 2007 - May 2007
Project	Development of a GNOME user interface
Technologies	Solaris 9 SPARC, C, autotools & automake, libglade 2.0, GNOME & Gtk+ 2.0

Alcatel-Lucent #1	
Period	October 2006 - March 2007
Project	Development of phonebooth software
Tasks	Development of an extension for energy cards for existing Belgian phonebooth capabilities
Technologies	Solaris 2.6 x86 & SPARC, C, Sun Workshop, Solstice, autotools & automake.

Newtec Cy #2	
Period	August 2006 - September 2006
Project	Development of satellite communication software for Newtec's SAT3PLAY for TCP/IP over satellite
Tasks	Development of a packet reassembly kernel module using Click
Technologies	Mostly C and C++ for Click's specifics, Linux 2.6 kernel, CentOS Linux 2.6 kernel & development, Click
Worked with	Kris Buytaert, Wouter Cloetens, Ulrik De Bie, Elie De Brauer

Newtec Cy #1	
Period	January 2006 - August 2006
Project	Development of satellite communication software for Newtec's SATMODE system for interactive television
Technologies	Linux 2.4 kernel and 2.6 kernel, Suse and CentOS, C, mostly C++, autotools & automake, Linux 2.4 and 2.6 kernel
Worked with	Kris Buytaert, Wouter Cloetens, Ulrik De Bie, Elie De Brauer

Promatic	
Period	October 2005 - December 2005
Project	Development of WinForms .NET applications
Technologies	C#, VB.NET, System.Windows.Forms, MVC, Windows XP, Windows 2003 server, Microsoft SQL Server

Maia Scientific	
Period	July 2004 - August 2005
Project	Scientific embedded microscope project
Tasks	Development of a control panel (a user interface) in GNOME, a Video For Linux driver for the Linux 2.6 and 2.4 kernel, an autofocus algorithm for the Zeis Axiovert 220M microscope and software for steering of the machinery. Development with and for a frame grabber device
Technologies	C, Glib-2, CORBA (Orbit-2), Gtk+-2.4, GNOME-2, Glade-2, libXML-2.0, x86 assembler, Linux Kernel Module development 2.4 & 2.6, SCIL-IMAGE 2.0, RedHat 8, Fedora Core 3
References	Peter Van Osta < pvosta@cs.com >, Bart Van Herck
Worked with	Marc Moeremans

Lannoo	
Period	April 2004 - June 2004
Project	PocketLannoo - Lannoo2004
Tasks	Development of a C# Compact Framework .NET winforms application on mobile
Technologies	C#, Compact Framework .NET, Windows CE, Microsoft SQL Server CE, Microsoft SQL Server + replication

Acea #2	
Period	March 2004 - May 2004
Project	Acea.be - aceaweb
Tasks	Development of a web application
Technologies	PHP, Apache2, Apache2, MySQL, RedHat 9

Intas	
Period	March 2004 - June 2004
Tasks	Development of an intranet web application
Technologies	ASP.Net, SQL Server, Windows 2000 Server

Acea #1	
Period	January 2004
Project	Acea EzPublish
Tasks	Adjustments to an Open Source web application
Technologies	PHP, Apache2, EzPublish, RedHat 9, MySQL

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Period	December 2003
Project	Vakantieboodschap
OS	Sun Cobalt Linux
Technologies	PHP, Apache, MySQL, Sun Cobalt Linux

Interbrew

Period	September 2003 - October 2003
Project	Development of an inquiry website
Technologies	C#, ASP.Net, Windows 2000 Server, Microsoft SQL Server

Boehringer Ingelheim

Period	September 2003 - April 2004
Project	Pocket CRM
Tasks	Development of a C# Compact Framework winforms application Development of ASP.Net C# webservice
Technologies	C#, Compact Framework .NET, ASP.net, Webservices, XML, SQL Server, Windows 2003 Server, Windows CE

KBC Securities

Period	July 2003 - August 2003
Tasks	Development of an intranet application
Technologies	CGI/BIN, Perl, Sun OS, Solaris, XML, CSV files

Godiva

Period	June 2003 - July 2003
Tasks	Development of an administrative web interface
Technologies	C#, ASP.Net, Windows 2003 Server, SQL Server

Van Roey Automation

Period	December 2000 - April 2003
Tasks	Development of an eCommerce website in PHP, a PHP library in order to build aforementioned website, the intranet website of Van Roey and other customer's websites, an online order program, and a CRM/ERP application. MAC OS X support
Technologies	PHP, IM-XML, IntegrateX, VB.Net - C# - ASP.NET, MS Visual C++, Apache, Bind, Postfix, Mac OS X, Windows NT, Linux, ODBC, Sybase, Free TDS, DbTCP, MySql, Pervasive SQL

Deltapro

Period	Before 2000, one month
Tasks	Development of an client/server database
Technologies	MySQL, Delphi 5.0, Kylix, Delphi 5.0, MySQL, Interbase

Glasshouse

Period	October 2000 - December 2000
Tasks	Development of Perl applications, sockets and TCP/IP programming. Installation, maintenance and security of Debian/Linux servers
References	Leander Berwers

