

# Curriculum Vitæ

Xavier MILLER

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## 1 Personal Information

**Date of Birth** June 21, 1974

**Nationality** Belgian

**Career Start Date** Sept 1996

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## 2 Training

- Master Degree in Mathematics — ULB — 1992–1996
- Agrégation de l'Enseignement Secondaire Supérieur — ULB — 1996
- ITIL Foundation Certificate in IT Service Management — EXIN — 06/2014
- PRINCE2 Foundation — AXELOS — 06/2014

## 3 Languages

**French** Mother Tongue (5/5)

**Dutch** Very Good (4/5)

**English** Good (3/5)

## 4 Summary

I started as analyst-programmer in 1996 (C++, C#, Visual Basic, Delphi) and am currently Business Intelligence Analyst, using Microsoft SQL Server products and Crystal Reports.

During my career, I worked in different areas:

- Business Intelligence (2005–2014) applied on the distribution of spatial images (VITO), financial reporting (TRASYS, GIAL) and IT Service Management (GIAL).

- Document Management (1996–2001) for the European Union (Publications Office) using in-house SGML and RTF tools, electronic documents management system (Office of Foreigners, 2006–2012) as well as document generation (CV generation system for TRASYS, generating native Microsoft Word documents).
- Insurance Companies (1997–2009), branches 21 and 23 (group Insurance). My main role was to implement calculation modules for tariffs, simulations, management, ...
- Video and Audio Effects at ArKaos (2008–2009). I was responsible to ensure the portability of the applications (Arkaos VJ, GrandVJ and Media-Master) on Windows and Mac OS, using C++ cross-platform development tools (wxWidgets). I was also responsible to maintain the implementation of the ArtNet/MSEX protocol (network protocol for lighting consoles and multimedia servers).
- Software Maintenance for various projects in Delphi, Visual Basic, Java, C#, C++...

I am currently working at GIAL, which delivers IT services to the administration and schools of the City of Brussels. I provide Business Intelligence solutions for the management team, helping them to enhance the internal and business reporting (financial reporting, unified inventory, SLA's, ...). I created and maintain a Data Warehouse on SQL Server, populated from different data sources using SSIS as ETL tool, and Reporting Services or Crystal Reports for the reporting.

Meanwhile, I participate on the migration of our internal ITSM software, which is porting the data from CA Unicenter R11 to Axios Assyst, and configuring Assyst.

I also provide high-level technical support for the developer department, giving them technical advice, writing tools, sharing my knowledge on many topics (SQL, MS Office programming, Reporting, Linux, ...)

As hobbyist, I am member of the Gentoo Linux Foundation and Gentoo Linux developer, where I manage the user support forum in the forum administrators team.

## 5 Professional Experience

### 5.1 GIAL: Jan 2013–

<http://www.gial.be>

**Function** DataWarehouse / BI Reporting (Microsoft SQL Server 2008 R2):  
inventory, financial reporting

**Function** Internal expert

**Function** Data migration (Unicenter to Assyst)

## 5.2 TRASYYS: Aug 2009–Dec 2012

<http://www.trasys.be>

**Function** Application Architect (2009–2012)

**Function** BI Consultant (Microsoft BI) (2009–2012)

## 5.3 ArKaos: Mar 2008–Jul 2009

<http://www.arkaos.net>

**Function** Software Application Developer

## 5.4 TRASYYS: Jan 2001–Feb 2008

**Function** BI Consultant (Microsoft) (2006–2007)

**Function** Analyst-programmer (2001–2006)

## 5.5 ACSE (now ACSONE or Software AG): 1996–2001

<http://www.acsone.eu> - <http://www.softwareag.com/be/>

**Function** Software Engineer

# 6 Technical skills

**Operating Systems** use of Microsoft Windows (3 to 10), Linux (especially Gentoo Linux), MacOS

### Tools

- Microsoft BI: SQL Server 2008 R2 (Database Engine, Integration Services, Analysis Services, Reporting Services)
- Databases: advanced knowledge of Microsoft SQL Server, good knowledge of Oracle, Informix, MySQL, SQLite, ...
- Programming IDEs: Microsoft Visual Studio, QT Creator, make & GNU autotools

**ITSM** CA Unicenter, Axios Assyst

**OO Methodologies** UML, Design Patterns

**Programming Languages** C, C++, C#, Visual Basic (.Net), ...

**Misc** XML, Office+VBA, QT, wxWidgets, Arduino, ARM embedded platforms (Raspberry Pi, Pandaboard), ...