

# Fabrice PASQUIER

Contact details:

Ch. de Bethléem 14

1700 Fribourg

+41 79 293 05 14

fabrice.pasquier@fabnet.ch

Single | Citizenship: Swiss | Date of birth: January 29, 1979 | Male

## Education and language

1998-2004: EPFL, communications systems division, **Master** degree in March 2004

1994-1998: Collège du Sud, Bulle, scientific section, A-level in 1998

Language: **French** (native), **English** (Cambridge BEC Higher<sup>1</sup>), **German** (basics)

## Professional experience

From 2006 | Consultant and solution architect at VenTek International

**Roles :** Manage, design and implement several IT projects  
Search engine expert, Cognos BI expert

### ***Business Intelligence (2010)***

Design and deployment of *Cognos BI* in several Swiss companies part of the Richemont luxury group. Intensive usage of Cognos Reports and Metric Studio.

### ***Data cleansing and data monetization (2008, 2009)***

Design and deployment of 2 projects for large companies in South Africa. Creation of processes to improve and assess data quality. Creation of automatic and manual criteria to measure data quality.

Usage of the ETL tool *BusinessObjects Data Integrator* and of the search engine Microsoft FAST formerly known as FAST ESP.

### ***Design and deployment of a Search Engine for the Yellow Pages in South Africa and in Singapore (2007, 2008)***

Architect and part of the developers team of the project.

High-availability solution with worldwide visibility. Use of a highly customized Search Engine cluster with hardware/software redundancy. Advise and implement business rules, including products strategy (ranking, pricing model).

Design and deployment of a news aggregation portal for the Singapore market. Involved in all project phases, including negotiation phase with news providers.

### ***Search engine for enterprise (Intranet) search (2008, 2009)***

Manage and implement a project to enable a centralized search engine for a United Nations organization in Geneva. Connection to the existing back-end systems, such as Lotus Domino, Novell file shares and to the security gateway.

2004-2006 | IT Expert for the UNECE (United Nations Economic commission for Europe)

**Role:** Expert and technical adviser for several projects led by the UNECE

In addition to the adviser role, I was responsible for the design and development of a web portal called Clearing House (<http://www.thepep.org/ClearingHouse>). It is an exchange platform used to disseminate best-practices (electronic documents) related to Transport, Health or Environment.

<sup>1</sup> Business English Certificate, "HIGHER" Level

## Academic experience

- 2004 **Sony Technology Center, Tokyo, Japan**  
6-months internship. Responsible for understanding and characterizing Film Grain Noise (chemical and digital aspects). Used to build a model able to generate artificial noise and to add it to high-resolution digital movie frames, compressed with MPEG algorithms (for HDTV). Implementation in C programming language. This was my Master thesis.
- 2002 **Philips Research, Eindhoven, Netherlands**  
6-months internship. Work related to the improvement of the FFT algorithm's speed when using fixed-point numbers. Application in the context of watermark detection in a MPEG framework. Implementation in C programming language.

## IT skills

- Software:** Expert with Microsoft FAST (ESP, specialist)  
Expert with SAP Business Objects Data Integrator  
Expert with Cognos BI 8 (certified specialist, see below)
- Operating system:** Windows XP/2003 Server: very good administrative skills  
UNIX (Solaris): advanced user  
Linux Redhat: very good administrative skills
- Data base:** Large experience with SQL and different RDBMS (Microsoft SQL Server, MySQL, Oracle)  
Very good experience with MS SQL Server 2005 and 2008
- Programming language:** Python, Java & JSP (basics of Spring MVC), PHP, C#, C, HTML, CSS, XML, VB.NET, Javascript
- Networking:** Software load balancing, Single sign-on systems, LDAP, DNS, DHCP, VPN, routing, FTP, HTTP, web services
- Others:** Lotus Notes and Domino, Joomla, Matlab, Open Office, Microsoft Office

## Other interests

Digital photography, travelling, badminton, ski-mountaineering, hiking

## Certifications

### Microsoft:

TS: Configuring Microsoft Windows SharePoint Services 3.0

### IBM:

- IBM Certified Designer - Cognos 8 BI Multidimensional Reports
- IBM Certified Developer - Cognos 8 BI Scorecards
- IBM Certified Specialist - Cognos 8 BI
- IBM Certified Administrator - Cognos 8 BI