

Filip L'Ecluse

IT/Telecom

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Profile

I am a young and dynamic team player who has been working for the past years mainly in the field of telecom and finance. Experience

Thesis “Study of a reactive distributed Multi-layer Traffic Engineering strategy”, Vrije Universiteit Brussel – Etterbeek 2003-2004

The goal of my thesis was to design and implement a distributed reactive algorithm which reacts upon network congestion and tries to optimize the available resources in DWDM networks to cope with this congestion. This was done via the creation of light-paths. A light-path is a complete end-to-end optical path between two optical cross-connects spanning several other optical cross-connects. By using these light-paths the number of optical-electrical conversions are decreased significantly. These optical-electrical conversions are one of the bottlenecks in the current generation optical networks. By the use of light-paths one could tremendously increase its capacity without having to invest in new equipment, networks using light-paths are often referred to as second generation optical networks.

Consultant, Altran-Europe – Brussels 2004-2006

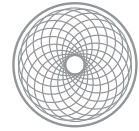
From 2004 until 2006 I was a consultant for Altran-Europe, all the references below are projects done during my career as a consultant.

System integration tester, Thomson multimedia – Edegem 2004-2005

As system integration tester I was responsible for the end-to-end testing of the voice over IP (VoIP) features of the Thomson ADSL modems. The VoIP protocol used in the modems was Session Initiation Protocol (SIP). In order to perform this task I became familiar with packet analyzers and various telecom protocols. My task was on the one hand verify if the modem was compliant with the SIP RFC and on the other hand ensure end-to-end interoperability with products of other vendors.

Software engineer, Alcatel – Antwerp 2005

As software engineer at Alcatel I was part of a team that developed a Web-Integration Server. This server allows ISP's to provision their clients via various interfaces with real-time Quality of Service (QoS) adjustments such as bandwidth boosts and bandwidth allocation for video on demand. The technical environment consists of Java/J2EE, Oracle, Weblogic and various



open source tools and frameworks. During this project I became familiar with Test Driven Development (TDD), Spring framework and other Java/J2EE frameworks.

Software engineer, Belgacom ICS, Brussel – 2005-2006

At Belgacom ICS I was responsible for the analysis, design and implementation of several Web-based Java/J2EE applications. These applications vary from reporting applications towards provisioning applications. At Belgacom ICS I was also responsible for our server architecture and our backup procedures. Technically the environment consists of Java/J2EE, Jboss, Spring, Hibernate, Caramba, Red hat enterprise server and other Java/J2EE frameworks or tools. The programming approach used in Belgacom ICS was Agile programming mixed with some extreme programming.

Development/Systems Engineer, S.W.I.F.T , La Hulpe - 2006-2009

At S.W.I.F.T. I am involved in the development of the SWIFT.com portal. Working on different customer facing web applications, using Java/J2EE, EJB's, Coldfusion, Oracle and various other technologies to develop secure, resilient and scalable web applications.

Technically the environment consists of: Bea Weblogic 9 application servers, Java/J2EE applications, Struts, ColdfusionMX, Oracle 10, Deployed on SUN servers running Solaris 10.

Analyst/programmer, la mosca, Gent - 2009-2010

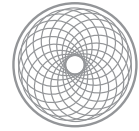
La mosca is a Ghent based company which creates location based games for smart phones (Nokia S60, Android and iPhone devices). In my function I am responsible for all technical aspects of the business. This consists of both analysis/design and development of both our game platform and our infrastructure on the one hand. And the briefing, follow up and quality control of our projects outsourced to our external partner on the other hand.

Technically the environment consists of: MS Windows 2003 server, MS IIS server, MS SQLServer 2008, .NET framework (C#, VB, ASP.NET), J2ME, iOS development (objective-C).

Senior consultant, CSC Belgium, Zaventem - 2010-now

At CSC my current role is the one of java technical team lead of a team of around 6 persons. Currently we are working on 2 banking portals and one banking iPad application. These portals and iPad app will allow customers to consult their online portfolio and perform bank transfers.

Besides my role as java technical team lead I am also Co-Manager of the mobile solution offering.



Education

Master (Licentiate) in applied computer science, 2000-2004 - Vrije Universiteit Brussel

Skills

Technical skills:

- **Languages:** Java/J2EE, C++, Coldfusion MX, J2ME, .NET framework (C#, VB, ASP), objective-C
- **Development tools:** Intelli J, Eclipse, Sun one studio, Xcode, Bea workshop, Ant, Maven 2, Junit, MS Visual Studio
- **Databases:** Oracle, Postgresql, MySQL, MS SQLServer 2008
- **Middleware:** Soap, RMI
- **Enterprise web servers:** Bea Weblogic 8/9, Jboss 3/4, Microsoft IIS
- **Operating systems:** Windows, Linux, Unix, Mac OSX
- **Java Frameworks:** Struts, Hibernate, Caramba (Ajax), Spring framework, JSF, RichFaces
- **Telecom protocols:** SIP, RTP/RTCP, 2G, 3G, QoS, ATM, TCP/IP, UDP
- **Server management:** Red hat enterprise, Gentoo linux, MS Windows 2003 server
- **Modeling and programming paradigms:** UML, ORM, Agile programming, Extreme programming, Test Driven Development, Entity-relationship modeling

Languages:

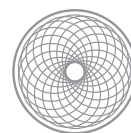
- **Dutch:** Mother tongue
- **English:** Very fluent
- **French:** Good
- **German:** Basic knowledge

Others:

- **Driver license category B**

References:

Altran-europe, Avenue de Tervuren 142-144, 1150 Brussels Belgium, © 02/737.68.11



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