

Curriculum Vitae Dominic Meulemans

Business Analysis - Functional Analysis - Architecture - Coaching

Personal details

name: Dominic Meulemans
address : Martellekensweg 50
3010 Kessel-Lo
Mobile 0485 208 475
date of birth: 14/02/1970
Estimated availability date: **01/08/2017**

Education

Sun Certified Programmer (84%), Java 2 SE 5.0	2006
K.U.Leuven Information and Programming Structures	2002-2003
K.U.Leuven Master in Computer Science (72%)	1993-1995
Limburgs Universitair Centrum Academic Bachelor in Computer Science	1991-1993
KVMC Conservatory Antwerp 1 st prize violin + Bachelor in music theory	1988-1991

I have been a trainer in multiple disciplines.

I have attended courses about multiple disciplines as well: programming, testing, functional analysis, business modeling (BPMN), project management

Main expertise

Business Requirements/Business Analysis/Functional Analysis/Architecture/Design /Data Modeling/Prototyping/
Training/Coaching/Reviews
OO, RUP/UML, BPMN, SOA
Enterprise Architect

"Relevant business AND technical knowledge are rarely found in one and the same brain. People either have strong business or strong technical backgrounds. That is why an IT project is such a challenge. I make sure these two types of knowledge are brought together in a time and cost efficient way, so success becomes almost inevitable."

"I like to think I am extendible. In practice, I do all kinds of things not normally expected from my official role: data architecture, presentations, functional testing, demo's, checking whether the developers are on schedule: whatever the project needs at the time."

Work experience

0. Freelance analyst/designer/trainer

Clients:

3D/De Lijn (Analysis, Architecture) from 02/05/2012 ongoing

Tasks: modeling data architecture (temporal data), specifying (web) services (SOA), business analysis (BPMN), modeling processes, modeling and specifying use cases, modeling information, modeling screens and navigation.

Main Tool used is Enterprise Architect.

Domains: "Exploitatie" M< Vehicle Planning , Identity and Access Management (IAM)

Tobius/Eandis (Analysis, System Integration) from 12/09/2011..30/03/2012

Tasks: setting up a domain model, detailing process models, specifying use cases and non-functional requirements. In practice we integrated SAP with everything else.

Tool used is Enterprise Architect.

Targetted product is mainly SAP.

For the **Eandis** training department.

Adviesbureau Infact (analysis, design, programming) from Jan. 2002 ongoing

Tasks: a.o. maintaining extra legal benefits gross-net application I once wrote.

Verzekeringen van het Notariaat (analysis, design, programming) from Jan. 2002 until May 2009

Tasks: maintaining the premium application I once wrote.

ATMOZ/CM (Analysis mainly for CMWeb <https://online.cm.be>) from 20/09/2006 until 01/09/2008

Tasks: creating **RUP**-based requirements documents (**use cases**), **UML** models with EA, GUI prototypes with Powerpoint, data analysis with TOAD/ORACLE. Functional testing. via **Cronos** for **CM** (Christelijke Mutualiteit)

ALTI/EU (occasional training sessions and analysis tasks) from December 2005 until 01/09/2006

Tasks: Java/Jsp/Servlet/Struts training sessions for ALTI's own junior java consultants.

Creating use cases for an EU project (OLAF). Functional testing. Via **Sword**

Unisys/Min. Finance (analysis, testing with Rational products) from 02/11/2005 until 01/03/2006

Tasks: Analysis/testing for the Customs & Excise web application using Rational XDE and RequisitePro.

NMBS 40 days assignment starting from 22/08/2005

Tasks: creating Struts/Tiles based framework training material, assessing their framework.

Real Software (occasional training sessions) from 09/2005 until ...

Tasks: J2EE training sessions (using WSAD & JBoss) for their Belgacom account

Business Architects Int. (CBD with UML/Rational Rose) from July 2004 until Jan 2005

Tasks: Design in **UML/Rational Rose**. Credit application using **Component Based Design (CBD) & SOA**

Others: Occasional training sessions (mainly **RUP, UML, J2EE,...**) for various end clients via various training firms

1. Analysis trainer / coach : Colruyt

Employer: Colruyt Group Services

Period: from 11/05/2009 until 09/09/2011

Employer address: Edingensesteenweg, Halle

Function Description: **Requirements & Analysis trainings, software development lifecycle trainings, SOA methodology development**
Creation of the example deliverables (mainly business analysis and architecture)
coaching/reviews of SOA projects
Main tools: Enterprise Architect & MEGA. Main notations: UML, BPMN

2. Lecturer in analysis, design and web programming

Employer: Birm Antwerp, EHOKT (Undergraduates)

Period: from 03/09/2003 until 30/06/2004

Employer address: Durlletstraat 8, 2018 Antwerp

Function description: Teaching undergraduates, third year. I taught **OO Analysis, UML**, Java, JSP, XML, MySql

Employer: ACE-GROEP T, EHOKT

Period: from 19/01/2004 until 30/06/2004

Employer address: Vesaliusstraat 13, 3000 Leuven

Function description: Teaching undergraduates in Informatics, English speaking group. I taught **OOA & OOD, UML**, Extreme Programming with Java,...

Employer: Real Software

Period: from 20/03/2005 ... 1/08/2005 (occasional freelancer assignments afterwards)

Employer address: Centrum Zuid, Houthalen

Function description: I lead the 'Java University', the training department of the 'Java Unit' within RS. I organized and taught internal and external courses in OO and J2EE: **OO/UML**, Java, JNDI, JDBC, Servlets & JSPs, EJB: Session Beans with transactions :BMT, CMT, ...

3. Analyst Programmer: CONAC ADMIN

Employer: CONAC ADMIN (pension funds, actuarial software, consulting...)

Period: from 05/06/2000 until 31/05/2002

Employer address: Rue de Ligne 11, 1000 Brussels

Function Description: Extensions to their pension management system: a Microsoft ASP-application.

* Writing file import components (txt to SQL Anywhere tables) with V.B. 6.0.

I created a framework for mapping files from different formats into relational tables. Using this framework we could import 600.000 quarterly worker salaries from the entire Belgian metal industry. The system is used for at least 4 client companies.

* I developed declaration components for RIZIV and BELCOTAX declarations in V.B. 6.0. These components are used for tens of pension funds, the administration of which is managed by CONAC it's clients.

4. Analyst Programmer: GROEP S

Employer: Groep S (pay rolls)

Period: from 13/04/1998 until 31/07/1998

Employer address: Ursulinenstraat 2a, 1000 Brussels

Function Description: Design and development of their kernel application (pay-roll gross to net calculations) in BON/EIFFEL (OO) and ORACLE.

5. Analyst Programmer: INFACIT

Employer: Adviesbureau Infact (pension funds, actuarial software, consulting...)

Period: from 20/11/1995 until 10/04/1998 and from 01/09/1998 until 02/06/2000

Employer address: Mgr. van Waeyenberghlaan 32/34, 3000 Leuven

Function description: I built several applications for this company. The table on the next pages shows more detailed information.

Project	Description	Changes / New project	Team Members
1. group insurance system	General group insurance management system	Changes	2
2. gross-net for pension funds. In use for 15 years now.	Calculation and declaration software: RIZIV, TAXES, SOL.	New project	1
3. premium management.	Premiums "bba" for "de Verzekeringen van het Notariaat" Multi-user	New project	1

4. Actuarial calculations	Calculation of unbound actuarial annuities. (interest + mortality)	<i>New project</i>	1
5. scoring system	Scoring system for KBC Lease. Multi-user.	<i>New project</i>	1
6. questionnaire processing	Management and statistical processing of questionnaires for the Belgian Pension Fund Association.	<i>Changes</i>	2

Other tasks:

- insurance premium pricing simulations
- homepage.
- insurance formulas in C.

6. Computer Trainer

Employer: Gemeentelijke Leergangen Audiovisueel Onderwijs (Meise) & GLSP Tervuren
Period: from 24/09/1995 until 12/11/1995 (Meise) , from 1/9/1998 until 21/12/1999 (Tervuren)
Employer address: Stationsstraat 29, 1861 Meise & Brusselsesteenweg 106, 3080 Tervuren
Function description: Computer training: MS Windows, MS Office, ...

Skills

Languages:

I taught computer science subjects in both Dutch and English.
My French is fine as well.

Business Analysis, Architecture, SOA

Notation for business process modeling: BPMN

Notation for architecture models: UML

Tool for architecture and SOA: Enterprise Architect

SOA realizations:

web services: I have used UML class models, XML and XSD to specify data transferred by web services

EJB: I have used session beans in the passed

OO Methodologies, analysis/design notations, tools:

RUP with **UML** and **Rational tools (XDE, RequisitePro) and Enterprise Architect**, **BON** with **EIFFEL-CASE**, **Extreme Programming (XP)**, **dX**, Coad & Yourdon, MERODE, EROOS

General programming languages:

Java 5.0, C++, Eiffel, Visual BASIC 6.0, (Visual) FoxPro, Pascal ,...

(Languages related to) relational databases:

- * MySQL, Oracle
- * Sybase SQL Anywhere stored procedures
- * X-BASE family (+ inline SQL): (Visual) FoxPro, (Visual) dBASE.

Internet tools and scripting languages:

Client side: HTML, JavaScript

Server side: Java, servlets/JSP, Struts, ASP/ VB

Web server/servlet container: Tomcat, JBoss

Other tools/technologies related to J2EE or Java in general:

IDE: Eclipse & WSAD (*used it as ejb-jar.xml editor and for generating EJB interfaces*)

Ant, JUNIT

Java Collections (including 1.5 generics) , Java IO, JDBC, JNDI, EJB

Notions of Hibernate & Spring (took courses)

Own tools: automatic testing package, assertion package

General tools:

Version management: MS VSS, Rational ClearCase, PVCS

Bug tracking: Rational ClearQuest

Applications:

MS Office, OpenOffice

GIRO Hastus, IVU.Fleet

Books

- Kruchten, Philippe The Rational Unified Process, An Introduction
Coad, P. & Yourdon, E. Object Oriented Analysis II
Gamma, Erich et al. **Design Patterns: Elements of Reusable Object Oriented Software**
Fowler, Martin **UML Distilled** (first and third Edition)
 Refactoring, improving the design of existing software.
Meyer, Bertrand: Object Oriented Software Construction II (EIFFEL.)
Orfali, Robert et al.: Instant Corba
 The Client Server Survival Guide
Stroustrup, Bjarne: The Design and Evolution of C++
Bruce Eckel Thinking in Java
Robert C. Martin **UML** for JAVA programmers
B. McLaughlin, D. Flanagan Java 1.5 Tiger, A Developer's Notebook
Falkner, Galbraith, Irani, ... Beginning JSP Web Development: Tomcat, Java/HTML/JSP, MySql, JDBC, Struts,
 UML
- Bruce Silver BPMN method and style, 2nd edition
 (I like this book a lot because it gives you rules that enforce consistent style)

Hobbies

Tennis, historical linguistics, classical music

References

REF1:

Kind: A client I have been working for during the last 20 years
Contact: Prof. dr. Thierry Bauwelinckx
Function: CEO
Company: 'INFACT' - Mgr. Van Waeyenberghe, 32, 3000 LEUVEN
e-mail: tb@infact.be
Tel: 016 29 89 09

REF2:

Kind: A business stakeholder for a client I worked for during 2 years
Contact: Greet Debruyckere
Function: "stafmedewerker" for CM Midden-Vlaanderen
Company: Christelijke Mutualiteit
e-mail: Greet.Debruyckere@cm.be
Tel: 09 267 58 54

REF3:

Kind: My business project leader at Eandis
Contact: Els De Geyter
Function: Business project leader / Product developer
Company: Eandis
e-mail: Els.degeyter@eandis.be
Tel : +32.(0)9.2681.8350
Mobile: +32 497304125

REF4:

Kind: My project manager at De Lijn since 2012
Contact: Ivan Vermeiren
Function: Project manager
Company: De Lijn
e-mail: Ivan.vermeiren@delijn.be