Alain De Preter

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Expertise and Preferred Roles

Experienced architect providing comprehensive, in-depth guidance on best practices and tool optimization. Highly experienced in Sparx and Prolaborate software customization, delivering actionable frameworks, robust repositories, and improved productivity (see Labnaf as an example). Fluent in English, native French speaker, and Dutch as an early mother tongue.

International Career Path

Company-Location	My role(s)	Key deliverables
2019- Labnaf - Brussels	Chief Enterprise Architect & Strategist Labnaf Founder	Pragmatic strategy & architecture practice optimization and automation. Unified enterprise transformation framework. Enabling-cross-discipline collaboration. Training and coaching architects, strategists, capability planners, and analysts.
2016-2019 YPTO – Brussels	Lead Architect of the Architecture Methods & Tools	Author, apply on projects, train, coach, and deploy (250 users) the early stages of what became one year later the Labnaf strategy & architecture framework.
2015 Brussels Airlines – Brussels	Enterprise Architect	Set up an EA practice, methods, guidelines, shared Sparx EA model repository, dedicated modelling language, document generator and two pilot projects providing sample deliverables.
2012-2015 Deutsche Bank Group – London	Enterprise Architect	Enterprise Architecture Framework components. Architecture Modelling Languages and Tooling (based on Sparx EA) Coaching (Model-driven Architecture, Enterprise Architecture, Methods Engineering).
2009–2012 Deutsche Bank Belgium	Head of Architecture	Enterprise Architecture, Systems Architecture, Methods Engineering and Modelling coach. Deutsche Bank Innovation Award.
2008–2009 Microsoft - Redmond from Belgium - *Mostly remotely*	EA Modelling and Development Platform Innovation	Enterprise Architecture for Microsoft Corp. Guidance for systematic re-use and software factories.
2006–2007 Unisys/Microsoft Alliance Redmond *Mostly remotely*	Chief Architect Methods and Tools	Architect of the Unisys 3DVE Enterprise Architecture method and tools for .Net. Product Line Engineer. 1st Off-shore enabled development platform, 1st end to end dev. process at Unisys. 1st DSL-based IT process. SOA & Software Factories Advisor for Microsoft Corp
2002-2006 Unisys Europe – Brussels & Redmond	Chief Architect and Development Process Engineer	Large scale systems integration @ EU Commission (Chief Architect). Winning IT Services proposal to the EU Commission in 2006 => 180 million €. Project Delivery Advisor (SDLC, SOA and Modelling Mentor).
2001-2002 Ariane Consulting – Brussels	Senior Architect and Dev. Process Engineer	Mentoring and training on MDA and RUP-based Development process for J2EE applications; Group Life Ins, Rule-based system
1994-2001 SWIFT – Brussels *1996-2001 (2nd job)* *Comedia – Paris/Brussels*	Chief Architect *Chief Architect*	Architect of Standards Methodology and Software Factory, Architect of SWIFT SOA middleware and ESB for B2B. $7 trillion carried /day (IT Strategist, Lead Architect, Developer & part-time Project Manager) *Solutions for Rights management & Virtual marketplace*
1991-1994 Borland – California	Senior R&D Engineer	Groupware engine, development platform for Paradox (PC Computing Comdex Award; Co-Architect and Lead Developer)
1989-1991 CPU2I – Paris	Senior R&D Engineer	Development Platform and OO language for OLAP-based business applications (Lead Architect and Developer).

Applied Knowledge and Key Innovations <u>over the last 10 years</u>

Applied Knowledge & Inspiration for Innovations

Architecture Frameworks & Methods (methodology)	**EA**: TOGAF, Gartner EA Stage-Planning, IEEE 42010, EA as Strategy, IAF, Zachman Labnaf … **Business Architecture**: BIZBOC, APQC, Deutsch Bank dbProcess, Labnaf… **Strategy**: Bus. Model Canvas, Porter's 5 forces analysis, PEST analysis, Balanced Scorecards, Labnaf… **Planning:** Labnaf, SAFe, Gartner EA stage planning and Bimodal, Alfabet Transformation planning, Agile planning methods **IT Management:** IT4IT, ITIL, COBIT, Labnaf **Services**: Web Services, SOA **SLDC**: Agile SDLCs, Rational Unified Process (RUP), Deutsche Bank QMS
Architecture	Cloud computing, enterprise monitoring, package deployment, data distribution
Specification Languages	Labnaf, ArchiMate, BPMN, UML, Information Modelling, XML
Programming Languages	C#, HTML, VB script, Java, Java Script
Archi./Modelling Tools	Labnaf, Sparx EA, Alfabet/PlanningIT, Visio, + tool evaluations (Mega, PowerDesigner)
Development Tools	Visual Studio, Sparx Enterprise Architect SDK, Microsoft SQL Server
Other tools - last used	Prolaborate, WordPress, Camtasia Studio, SharePoint, MS Teams, Jira, Microsoft Office Tools
Soft skills	***Sharing passion and knowledge, selling innovative ideas and creating convergence***

Business / Industry Specific Experience

Public Services, Transport, Financial (Retail Banking and Interbank transaction flows), Legal Processes and Right Management, Tender Management (EC), Group Insurance, e-commerce, Entertainment business, Pharmaceutical, Book publishing.

Applied Knowledge and Key Innovations <u>before 2015</u>

Applied Knowledge

Methods and Concepts	Business Architecture: Microsoft Business Architecture/Motion, Unisys 3D-VE SDLC: RUP, Microsoft Solution Framework, Volère (requirement engineering), Catalysis Patterns and practices: SOA, .Net, JEE and GOF patterns Product Line Engineering: Microsoft Software Factories, Domain Specific Languages, Feature-Oriented Domain Analysis (FODA)
Specification Languages	UML, WSDL, XSD, XML
Archi./Modelling Tools	VSTS Designers, Rational Software Architect & XDE, Rational Rose, Together/J, Requisite Pro
Software Development environments	Microsoft: Visual Studio Team System, Team Foundation Server, SharePoint, InfoPath Others: XML Spy, Eclipse, JBuilder, Borland C++, Clearcase, CVS, PVCS
Development Languages & frameworks	Microsoft: .Net, C#, MS DSL SDK, VBA, XAML, WPF, ASP.Net, Windows Forms Others: Java, JEE, C++, Object Pascal, JavaScript
Distributed system architectures	Microsoft: .Net Web Services, WCF, BizTalk, COM & Ole Automation Others: Axis (J2EE Web Services), WebLogic, Corba, Tuxedo, Core Email svcs, SWIFTNet
Database technologies	Microsoft: SQL Server; Others: Oracle DBMS, OODB
Operating systems	Windows Desktop Editions, Windows Server, Unix (Solaris, HP-UX, AIX in 1995 & 1996).

Key Innovations

Modelling Languages and Tools (UML Profiles & DSLs), Development Environments, Microsoft Software Factories, Virtual Machine with Garbage collector, Languages, Compiler, Linker, Test Engine, Relational DB engine, Report Generator, UI libraries, Workflow engine, Communication Protocols, Messaging engines …

Main projects

Company: [Labnaf](), Brussels - 2019 (founder)

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(38) *[ETNIC / Wallonia-Brussels Federation (Governmental)]*

Provide pragmatic strategy and enterprise Architecture advisory services to ETNIC, the Belgian IT of 40 public organizations.

Driving Tangible Results through Proven Enablement.

Results

- ETNIC strategy and architecture leaders successfully manage enterprise architecture, strategy, business architecture, and solution architecture of these 40 organizations using a unified enterprise transformation process, modelling language, integrated repository, and software solution.
- Optimized strategy and architecture visibility, decision-making, high-level productivity and automation, security, sharing, re-use, and governance across interrelated architecture segments
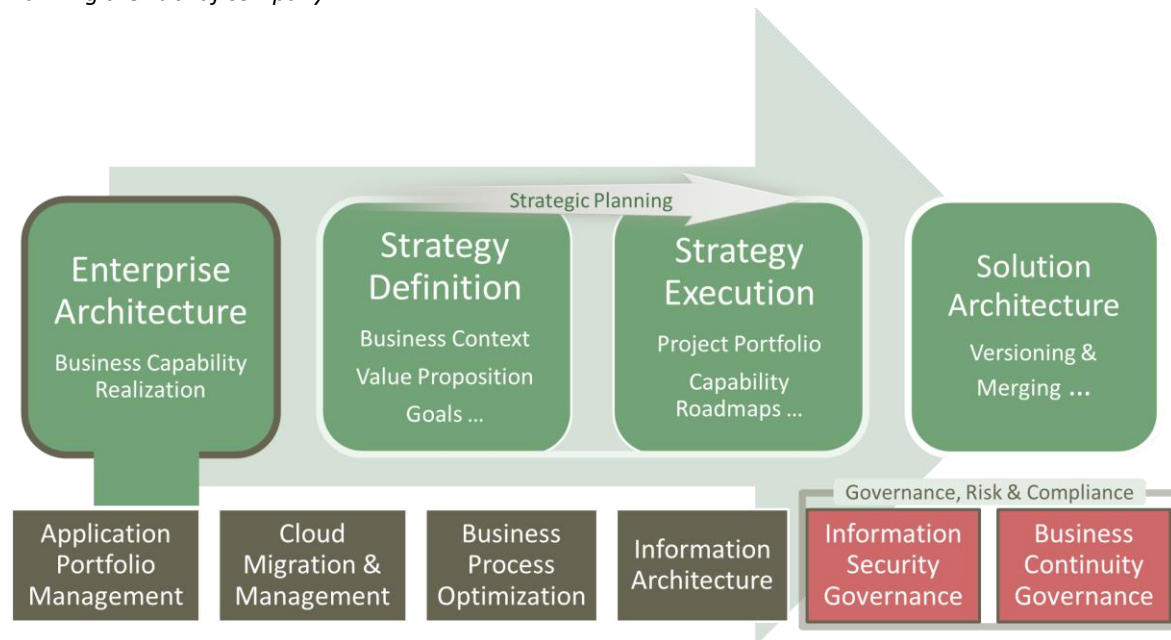
Enabling components

- Labnaf transformation framework and tools based on Sparx and Prolaborate platforms (see project 37 below).

My roles: Strategy and Enterprise Architecture Practice Adviser for ETNIC Management

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(37) *[Labnaf Unified Solution for Driving Transformations]*

Running the Labnaf company

What the industry might be planning to deliver 10 years from now, Labnaf already has it today. Why would you wait any longer?

Labnaf brings productivity, consistency and cross-discipline collaboration by merging and extending standards into one single transformation process, modeling language and software.

- 20+ standards semantically merged, corrected, and completed using systems semantics: ArchiMate, BPMN, PESTEL Analysis, Porter's Five Forces Analysis, Value Proposition Canvas, Business Model Canvas, Strategy Map & Balanced Scorecard, SAFe, Gartner EA Stage Planning, BIZBOK, ISO/IEC/IEEE 42010, TOGAF, ISO27000, GDPR …
- 40+ portfolio catalogs integrated in a single repository and tools

- 70+ viewpoints orchestrated by an end-to-end transformation process and by scenarios

Labnaf helps you understand your organization, envision its future, plan transformations and describe architecture solutions using multi-dimensional models, charts, analysis and reports.

The framework and the software are highly and easily customizable.

The language is based on natural, precise, and unambiguous systems semantics. It is used for architecting and diagnosing integrated architecture portfolios. It is also used for envisioning, planning and formalizing changes, for end-to-end solution architecture modeling, for organizing and automating architecture governance.

Miscellaneous industry patterns are naturally addressed including IoT, ecosystems, cloud, and information security.

The software implementation is provided as a robust Sparx System's Enterprise Architect software extension. Sparx is the most common, yet affordable, modeling platform (more than 800 000 licenses worldwide). The scalable architecture repository provides numerous concurrent users with enterprise visibility and traceability across many dimensions.

The Labnaf software environment provides the following features (most features can be scheduled):

Productivity features
- Portfolios management can support large organizations with sub-organizations, distribution of responsibilities across architecture segments, all in a secure fashion (Read / Read-Write).

- Excel and CSV import (create, update, identifying elements following multiple criteria). Use internal and/or external primary keys. Easily adapting to your systems-specific character set/code page and column separators. Quick, user-friendly, and flexible

- Merge Versions of Elements & Connectors (merge redundant items)

- Implicit data generation including connectors, sensitive information requirements, scope of data processing (applying ISO 27000, NISDUC and GDPR).
- 360° view on (sensitive) information usage.

- Cascaded value calculations from very simple to very complex functions combining properties, connections, and time series

- Application Portfolio diagram generation following templates defined in the Labnaf model repository
- Rich Excel and CSV report generation including connections, consolidated/indirect connections, color grading, grouping, filters. Generation based on templates stored in the repository or custom reports. Quick, user-friendly, and flexible
- 50+ dynamic searches for analyzing portfolios, their relationships and other content
- Quick update of a same property for a selected list of elements or packages
- Quickly add (auto diagram-coloring) legends to one or multiple diagrams in a row using the legend library management features
- Predefined and configurable charts and dashboards for dedicated roles (Sparx EA and Prolaborate formats)
- Virtual catalogs that can span multiple packages with auto-generated content selection (used for report generation, exports, calculation, diagram generation, implicit connector generation, charts and dashboards)
- Scope of Labnaf processing: Generate Excel and CSV reports, calculate values or generate charts for a selection of elements of your choice
    - for elements or packages selected in the project browser,
    - or for elements or packages selected in the active diagram,
    - of for elements and packages present in a "scope" diagram that belongs to each template,
    - or based on a specific SQL select defined in each template,
    - or for the entire catalog (default).

- Dynamic model validation
- Email error reports distribution
- Advanced repository synchronization
- Automatic repository content refactoring and normalization
- Backup to local model repository file

Repositories
- Rich startup repository with template structure and placeholders. Used for modeling organizations of any size and complexity
- Sample repository

Templates for
- Cascaded Value calculations,
- Word, PDF, RTF document generation,
- Rich Excel and CSV report generation,
- Diagram generation,
- Charts and time series generation,
- HTML generation (enabling email discussions about diagrams).

Customizing the Labnaf modeling language and tools
- Configurable and dynamic metamodel expressed in the end user Labnaf language itself. Updated in two clicks (the rules and the documentation are one and the same thing)
- Instant Metamodel Manager and Instant Metadata Manager supporting simple and quick framework customizations. Supports Enterprise Architect SaaS (Cloud Platform ready to go)
- On-line <=> Off-line access to customized languages, even when creating new repositories
- Customization workbench for advanced customization e.g. toolbox, diagram types/ Includes a staging environment (DEV, TEST, PROD)

Language Transformer
- Transform any modeling language into any other modeling language like Labnaf, ArchiMate, BPMN or UML into any other language (and vice versa). This includes imports from Visio or Archi.

My roles: Company Owner, Framework Engineer (process, language, repository, tools and roles), Labnaf Software and web site developer, Training and coaching, Lecturing in universities, Training videos (Udemy)

Company: YPTO, Brussels – 2016-2019 (contractor)

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(36) *Enterprise Architecture Methods & Tools*

- Assessment of the architecture and project delivery practice. Defined a roadmap for the architecture practice improvements.
- Set up and adapt an architecture practice based on the Labnaf modeling language and architecture framework that were initiated during earlier experiences.
- Embed the framework method, language, views, roles, shared repository and tools (210 users) into SNCB's and YPTO's change activities. These views describe the business and IT landscape. They are stored in the repository/architecture continuum for future reuse. The collected information delivers accurate information to support investments decisions.
- Architecture training and coaching on projects.
- Presentation of the framework at the Open Group.

My roles: Methods & Tools Team Lead, Methods, Language & Modelling Tool Engineer, Enterprise Architect, On Project Coach and Trainer

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(35) *Enterprise Monitoring*

- Assessment of existing monitoring tools available at SNCB and at INFRABEL
- Vision and high-level requirements for Enterprise Monitoring at SNCB
- Project impact analysis and project dependencies
- Monitoring tools evaluation

- Alternative solutions and scenarios
- Architecture recommendation

My roles: Enterprise Architect

Company: [Brussels Airlines](#), Brussels – 2015 (contractor)

(34) *Enterprise Architecture Methods & Tools*

- Assessment of the architecture and project delivery practice. Defined a roadmap for the architecture practice improvements.
- Set up an EA practice based on the [Labnaf architecture framework](#) that was initiated during earlier experiences. Further develop the framework including the architecture methods and guidelines, the shared Sparx model repository, the dedicated modelling language, the architecture document generator. Use the framework in two pilot projects providing sample deliverables.
- The architecture content includes project specific content, integrated architecture content, architecture plateaus and roadmaps, along with change management procedures.
- One of the pilot project focuses on large scale systems and data integration using BizTalk, Sentinet and SSIS while the other one focuses on SAP systems upgrade. Both architectures are deployed on a virtualized VMWare infrastructure.
- Quality and efficiency are maximized while the costs are minimized by using and customizing a cheap and standard modelling tool called Sparx Enterprise Architect.
- The methods spans the transformation process including reference classification, inventories, strategy, change projects (à la TOGAF) and roadmaps.

My roles: Methods Engineer, Language & Modelling Tool Engineer, Enterprise Architect, Systems Architect

Company: [Deutsche Bank Group](#), London – 2012-2015

(33) *Enterprise Architecture Methods & Tools*

- Diagnosis of IT organization pain points and requirements elicitation with global IT managers
- Business transformation process that encapsulates notably TOGAF
- Functional Taxonomy for IT and other related common functions
- Architecture of Architecture (functions, processes, applications, data, metamodel…)
- Architecture modelling and IT portfolio management tool requirements definition
- Global IT Portfolio Management Tool implementation
- Modelling Language definition and tool implementation
- Model repository and modelling guidelines definition
- Project support and coaching
  - Central team projects: Functional, Process, Data and Technology Taxonomies; Applications Inventory; Technologies Inventory; Cross-relationships; Architecture Knowledge Management
  - Architecture modelling and methodology guidance
  - Business projects: Diagnostics of IT applications landscape, European Payment system, Belgium Retail

My roles: Methods Engineer, Modelling Language & Tools Engineer, Enterprise Architect, Systems Architect

Company: [Deutsche Bank Belgium](#), Brussels – 2009 –2012

(32) *Head of Architecture & Methods Engineer (Enterprise & Systems Architecture)*

Defined the Multi-channel Sales Platform, Communication and Personalization architecture for Deutsche Bank Europe Retail Banking.

Defined Architecture principles, Target Architecture (Goals, Opportunities, Functions, Processes, Conceptual and Logical Applications, Technologies, Matrices…) and Belgian Roadmap aligned to global Deutsche Bank Roadmap.

Project Governance by identifying cross-project commonalities, identifying solutions and other enablers, mitigating risks, optimizing project pipe-line and minimizing sunk costs.

Enablers:

Initiated, defined and managed the end-to-end model-driven architecture for IT Belgium, gradually replacing a set of outdated architecture practices.

Integrated perspectives including Strategy, Business, Data, Application and Technology Architecture.

The architecture of the Enterprise (As Is and To Be) is synchronized in real-time with project-specific work products thanks to a shared Sparx Model Repository.

Another key benefit of the approach is to ease architecture governance by providing end-to-end visibility and traceability.

My roles: Head of Architecture, Enterprise Architect, Systems Architect and Methods Engineer

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(31) *IT Process Engineering (Visual QMS)*

Additional enabler for Enterprise & Systems Architecture

Initiated, defined and delivered the IT Process Guidance and tools for Deutsche Bank based on the TOGAF enterprise architecture framework, a subset of RUP and some home-made best practices developed earlier.

The navigable Visual QMS Web Site (automatically generated) is adopted not only by Belgium but also by the Group.

The shared Sparx model repository, specialized for Deutsche Bank using some home-made UML-Profile, is now the memory and of the IT department, the reference used to analyze impacts and to take the right decisions with the light on.

My role: IT Process Engineer, Modelling Language & Tools Engineer, Modelling Coach

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(30) *Knowledge Management (based on SharePoint and Sparx)*

Additional enabler for Enterprise Architecture

Initiated, defined and delivered the Knowledge Management platform for IT Belgium. This includes the Belgium SharePoint document repository and the Sparx Model Repository. Both are aligned in terms of structure, concepts and terminology (all based on TOGAF).

My role: Enterprise Architect and Knowledge Manager

Company: Microsoft, Redmond (mostly remotely from Brussels) - 2008

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(29) *Project: Microsoft Enterprise Architecture*

Define enterprise architecture framework for Microsoft corp, re-using, complementing, organizing, aligning and binding Microsoft assets (methodology, techniques, tools…) from business strategy down to software implementation.

Use Microsoft IT Enterprise Architecture as a reference.

Create platform roadmap.

My role: Architect

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(28) *Project: Software Factories Guidance*

Define requirements, organization, storyboards, examples and approach for building the software factories authoring guidance.

Define requirements for the future software factory platform including DSL integration and automated guidance.

Architecture and development of a Billboard Software Factory (software product line) along with a sample software product (an extension to a Microsoft demo game) that includes banners created with the Billboard Software Factory.

My role: Architect

Company: [Unisys/Microsoft Alliance](#), Redmond, WA - 2006-2007

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(27) *Project: Microsoft Software Factories and Unisys 3D-VE Factories*

Integrate Software Factories and Domain Specific Languages in the Unisys Strategy including the Unisys 3D-VE development processes and tools.

Define requirements for a .Net Enterprise Service Bus Software Factory that will be used to integrate heterogeneous systems (EAI++)

Microsoft advisory for the Software Factory and DSL approaches. In particular, I am providing requirements for the Factory Factory, for the Web Service Factory and for the DSL toolkit.

My role: Initiator of the project and architect

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(26) *Project: Unisys 3DVE Development Process and Platform for .Net Projects (PoC)*

Create a configurable end to end development platform applicable to any .Net project including Views, Viewpoints, a configurable Process Templates, Domain Specific Languages and generators.

Support a Case Study (see Kern Collection Management System project below) i.e. a particular customer project developed in India, Orlando and California

Gap Analysis, requirements and suggestions for the Unisys 3DVE CTO team and for the Microsoft VSTS team.

My role: Initiator of the project and chief architect

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(25) *Project: Kern Collection Management System - Kern County, CA – USA*

Project used as a case study for the other project defined below: "(24) Project: End to End Methodology, Business Architecture and .Net Architecture Demo)"

Provide methodological and tool support for the project. The team is spread across 3 different continents and across 3 states in the ISA.

My role: Methodological and tool mentor

Company: [Unisys](#), Brussels 2002-2006

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(24) *Framework Contract Proposal for DG DIGIT @ EU Commission (DESIS)*

Lead to a [contracts for 600 Full Time Employees during 4.5 years or 180 million €.](#)

Within a consortium, create a very large proposal for the Commission. The proposal defines a contractual tool used by the EU to work with its suppliers (the companies inside the consortium).

My role: Architect (defining methodology for entire proposal and author 50% of it) and technical coordinator.

From Zouhair Chaouch: "As Bid Manager for this proposal, I will add that the part covered by Alain was counting for 50% in the evaluation criteria. Which means that his contribution was key in the success of this challenge."

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(23) *Project: End to End Methodology, Business Architecture and .Net Architecture Demo*

Create a case study for training, sales methodology refinement and formalization purpose.

Based on and in collaboration with a real Justice project in Australia.

Demonstrate, through two concrete end to end examples, how to manage business and systems architecture complexity for distinct business and solution domains.

Provide worldwide internal & external demonstrations, training, start-up kit for projects, Test suite for Unisys method and productivity tools.

My role: Initiator of the project and architect

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(22) Project: Project Quality Assessment – Dutch Courts

Assess the quality of the ongoing Courts modernization in the Netherlands (that uses .Net technologies).

Provide end to end guidelines spanning business architecture, technical architecture, communication and project management.

My role: Strategy Architect and Process Engineer

(21) Projects: Methodological Mentoring and R&D

For key projects in Europe, mentor/advice engagement team on methodological best practices, assess skills level of the engagement team and review Project plan.

Create Process for Project Quality Assessments and technical papers and Best Practices for Architecture & Methodology.

My role: Mentoring and methodological support

(20) Project: FP6 System at the European Commission

Build a system managing the research proposals, contracts and projects subsidised by the European Commission. Develop & Control the quality of the architecture. Secure business and IT alignment. Integrate the various systems.

Coordinate and align the work for different sub-projects and vendors across Europe from methodological and technical perspectives.

My role: Chief Architect (including Technical Management & Process Engineering)

Company: Transiciel / Ariane Consulting, Brussels   2001-2002 (Now Sogeti)

(19) Project: Smalls Methodology Standards

Define Methodology Standards and Roadmap for Smalls projects

My role: Architect

(18) Project: Winterthur – Group Life Insurance (2002)

Adapt RUP methodology to Winterthur needs. Train, coach and manage team of analysts and programmers.

My role: Process engineer

(17) Project: De Boeck – Publishing Business (2001)

In the context of some Merge and Acquisition, formalize the business and systems requirements.

Define a vision and a tactical plan. Define the systems and analyse their specific requirements.

Write an offer with stages and several sets of deliverables. Project management and coordination.

My role: Architect

(16) Presales and proposal work for Ariane Consultancy services.

Company: SWIFT, Brussels, 1994-2001

(15) Project: SWIFT Standards Methodology & Tools (1998-2001)

Define and build the SWIFT Standards Methodology and tools that are geared to cope with the e-business problematic and to lead communities to optimal, re-usable and integrated **e-business** solutions (e-collaborations).

Define a model-driven approach for end to standards modelling, code generation and simulation (from business process down to generated code and documentation).

Define the architecture of the supporting modelling languages, tools and repository of reusable assets.

My role: Chief Architect and Methodologist (also Project Manager during one year).

(14) Project: Transaction Flow Monitor Prototype (1997-1998)

Proof of concept of a Transaction Flow Monitor. A Transaction Flow Monitor is a collection of object-oriented software that coordinates long e-business transactions between interconnected systems.

Demo for the Securities business at SIBOS (International banking conference) in 1998.

My role: Initiator, Architect, Methodologist, and Project Manager

(13) Project: SWAPI (1995-1996)

Define and build an SOA component infrastructure (ESB) and a development platform for distributed multi-transport multi-OS systems (solution similar to Soap, WSDL, and UDDI).

Deployed for several major interactive services provided by SWIFT (e.g. used by the Securities business services provided by the Bank Of England AKA Crest).

My role: Lead Architect and Developer

(12) IT Strategies

Evaluation, case studies and recommendations for the usage of Java, XML, UML and RUP at SWIFT.

My role: IT Strategist

Company: Comedia, Paris/Brussels   1989-2001
Management, sales, and acquisitions of intellectual properties

(11) Project: CopyRight (1996-2001)

Architecture of a system for managing complex intellectual properties and their related usage.

My role: **Chief Architect**

(10) Project: Solar System (1999)

Design of a flexible and generic advertisement engine that can integrate in Web sites

My role: **Architect**

(9) Project: Cinevision (1989)

Define the architecture of an automated Sales and Acquisitions of copyrights for works of art.

Create a home-made development environment and tools (developed in C) that include a development language, an interpreter, a relational database engine, an object filtering engine, a GUI generator, a report generator.

My role: Architect and developer

Company: [Borland International](), Scotts Valley - California   - 1991 -1994

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(8) Project: Paradox Workgroup Desktop (1993-1994)   PC Computing Comdex Award in 1993

Integrate the collaborative Engine (Obex) into Paradox for its Workgroup Edition.

Design a environment to allow the development of custom collaborative Paradox applications.

My role: Co-architect and lead-developer.

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(7) Project: Obex (1991-1993; 1994)

Design a collaborative environment to allow end-user's product to exchange objects (send, receive, publish/subscribe). Integrates Paradox, Quattro Pro, WordPerfect, Email systems from various vendors.

My role: Co-architect and developer

Company: CPU2I, Paris   - 1990 *The core of the company moved to* **www.rs2i.fr**

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(6) Project: Development Platform for OLAP-based business application

Design an object-oriented development environment (object-oriented language, compiler, linker, component framework). The environment allows developers to quickly produce a prototype. The same prototype can be augmented

My role: Architect and developer

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(5) Project: *Object Pascal API for BULL terminal transaction presentation on PC.*

My role: co-architect and developer

Personal Details

Belgian

Graduate in Computer Science at HELB in Brussels

Married, two children.