

PROFESSIONAL PROFILE

I'm a senior IT Consultant specialized in IT Architecture. My main domain expertise is SOA/BPM, MDM, Enterprise Integration, Cloud, IoT, API Management and Blockchain.

CAREER HIGHLIGHTS

- I started working at LoQutus in 2005 as *Integration Developer*. I quickly learned the IBM WebSphere Technology middleware, as my first project started a few weeks later.
- Soon after my first projects, I gained the knowledge and trust to take up the role of *lead developer*. I became responsible for the development activities and I was closely involved in the architectural activities.
- As an *IBM WebSphere Technology Expert*, I was able to join the IBM Business Partner Services Program. This program enabled IBM to assign worldwide technology experts on their projects. This program leveraged my analytical, communication and technological skills in international teams.
- Because of my technological skills and ability to lead a team of developers, I had the opportunity to become responsible for the *Java Competence Center* of LoQutus. As Competence Leader I was a people manager, a technological leader and a team motivator.
- As *Integration Architect*, I worked on several Integration, SOA and/or BPM related projects. I also presented some IBM Proof-of-Technologies for prospects and clients.
- In 2012, LoQutus reorganized and introduced the concept of service teams. I become responsible for the *ST BPM, Integration and MDM*. My main priorities were strategy development, go-to-market development, presales activities and team manager. I lead a team of 15 consultants for 4 years.
- As *Senior Architect*, I enjoyed to work on various challenging projects. I was a trusted advisor for a lot of customers in my focus domains. As a coach, I supported our junior integration consultants at various assignments.
- In 2016, I decided to work as an *independent IT Architect*. I currently focus on disruptive IT technologies and assist customers on how these technologies can support their business strategy in the Digital Era.



PERSONAL

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SKILLS

Requirements Analysis & Mgmt. ■■■■■■
Modeling Notations ■■■■■■
Understanding of Frameworks ■■■■■■
Visualize complex problems ■■■■■■
Communicate across communities ■■■■■■
Analytic problem solving ■■■■■■
Creative problem solving ■■■■■■



WORK EXPERIENCE

LoQutus
Senior Enterprise Integration Architect
2005 - 2016

LoQutus
Service Team Leader BPM, Integration & MDM
2012 - 2016

LoQutus
Java Competence Leader
2010 - 2016

IBM
Member of IBM Business Partner Service
Program for IBM WebSphere Technologies
2008 - 2012



EDUCATION

Master of Informatics
University of Gent
2005



ADDITIONAL EDUCATION

2013 PRINCE2 Foundation
2011 TOGAF 9 For Practitioners (Level 1 & 2)
2011 IBM Impact @ Las Vegas
2010 Intalio|BPM Advanced Workshop
2009 IBM WebSphere Message Broker 6.0 Developer Workshop
2009 'Agile' model-driven analysis & design based on UML 2.1
2007 IBM Technical Conference @ Vienna
2007 Enterprise Architecture
2006 IBM WebSphere Technology Courses

LoQutus Academy

Rational Unified Process
SOA Practitioner
IBM Service Oriented Modeling and Architecture (SOMA)
BPMN Expert Training
CBDI SOA Trainings
Archimate Course

As speaker

Training: Service Oriented Architecture & Infrastructure
Seminar: Business Rules Automation and Decision Management Systems – A
next step in process automation
Seminar: End-to-end Business Monitoring
Seminar: Several IBM Proof-of-Technology Events



CERTIFICATION

2014 SOAschool.com SOA Certified Professional
2013 PRINCE2 Foundation
2011 TOGAF 9 Certified
2011 IBM Certified SOA Solution Designer
2011 IBM Certified Solution Designer – Object Oriented Analyses & Design, vUML2
2011 Oracle Certified Master, Java SE6 Developer
2011 IBM Certified Integration Developer – WebSphere Enterprise Service Bus
2011 IBM Certified System Administrator – WebSphere Application Server
2009 IBM Certified Solution Developer – WebSphere Integration Developer
2007 IBM Certified SOA Associate
2006 Sun Certified Programmer for the Java Platform, Standard Edition 5.0



PROJECTS

Retail – Group Program Product Information Management (04/2013 – on going)

Retailer started in 2013 an enterprise-wide program to install a centralized Service Center Product Information which will use a new PIM system based on Master Data Management principles. The program consists of 30 different projects for a timespan of 10 years.

As program lead architect, I am responsible for:

- Defining and managing the AS-IS, TO-BE and transition architectures together with the responsible Enterprise Architect.
- Defining and managing the PIM Reference Architecture to support the projects
- Defining and managing the PIM Services Portfolio
- Managing the PIM Design Authority
- Managing the PIM IT Architects
- Monitoring the solution architecture of the different projects
- Being the trusted advisor for the business stakeholders

Challenges:

- AS-IS situation is a decentralized mix of mainframe applications used by decentralized business organizations.
- Low maturity regarding master data management concepts
- Strict roadmap deadlines
- New PIM technology
- Large project teams with offshore project members and multiple vendors

Retail – Sourcing of Product Information using Supplier Portal (04/2016 – on going)

Retailer wants to install a new supplier portal based on the GS1 Trade Item standard to exchange product information for private labels and small national brand owners. The supplier portal technology must be selected in this project and installed in the new PIM environment. The Service Center Product Information will be trained to use the new supplier portal.

As lead architect, I am responsible for:

- Defining the AS-IS and TO-BE solution architecture
- Leading the RFI and RFP process for the vendor selection
- Defining the high level projectplan together with the vendor and the business stakeholders
- Introducing the new supplier portal in the organization and collaborating with the service center regarding project approach

Challenges:

- Defining the rollout towards the supplier community and the decommissioning of the old portal
- Introducing the GS1 Trade Item standard in the organization
- Connecting the supplier portal to the PIM system using a Hub approach

Retailer – Sourcing of Product Information using GS1 GDSN datapools (04/2015 – on going)

Retailer wants to automate the exchange of production information with the suppliers. GDSN is an industry standard, specified by GS1 and implemented with XML over AS2. By 2017 Retailer must be able to collaborate with suppliers over the GDSN network.

As lead architect, I am responsible for:

- Defining the AS-IS and TO-BE solution architecture
- Leading the RFI and RFP process for the vendor selection (Lansa)
- Defining the high level project plan together with the vendor and the business stakeholders
- Introducing the new GDSN standard in the organization and collaborating with GS1 regarding project approach

Challenges:

- Integration with a third party product data provider (GS1 Belgium)
- Introducing the GDSN standard in the organization
- Large business rollout plan for migrating suppliers towards the GDSN data pools
- GDSN Major Release 3 upgrade

Retailer – Sourcing of Product Information using GS1 Trustbox (EU FIC Regulation) (01/2014 – 12/2014)

As a result of the new European FIC regulation regarding food information for consumers, Retailer decided to use the GS1 Belgilux Trustbox platform as source for the mandatory product information. By the end of 2014, all EU retailers must be compliant with the new EU FIC regulation. The project focussed on the sourcing of the product information, the storage and the provisioning of the new internal services.

As lead architect, I am responsible for:

- Defining the AS-IS and TO-BE solution architecture
- Collaborating with GS1 and 1WorldSync regarding the technical integration

Challenges:

- Integration with a third party product data provider (GS1 Belgium)
- Stability issues of the Trustbox interface
- Strict deadline for the go-live
- Defining a suitable solution for uploading the Trustbox data for private label products.

Retailer – PIM IT Services v1.0 (06/2014 – 06/2015)

As part of the objectives of the PIM program, the first set of new Product Information Services must be realized. The PIM Program is a SOA Pilot which means that these services must be aligned with Service Oriented Principles. The primary goal is the aggregation of existing data sources and the distribution of the information using the new information definitions.

Challenges:

- Strict delivery timing
- Introduction of service oriented principles in the MDM program
- Alignment with service consumers

Retailer – Enterprise Service Bus Selection (02/2014 – 05/2015)

Retailer asked LoQutus to guide them with the selection of a new Enterprise Service Bus platform. As experienced Integration Architect, I led the project and was responsible for the definition of the ESB selection framework. Retailer asked for a pragmatic approach in order to avoid a heavy and long selection track.

Responsibilities:

- Define and manage the expectations of the concept ESB and the link with SOA
- Capture the AS-IS IT Architecture
- Define a TO-BE Integration Architecture
- Guide the ESB selection process
- Lead the workshops

Project challenges:

- Heterogeneous IT landscape with many integration technologies
- Strict timing & budget
- Low maturity regarding integration architecture, ESB, BPMS and SOA concepts

Aquafin – Enterprise Service Bus Selection (11/2013 – 02/2014)

Aquafin asked LoQutus to guide them with the selection of a new Enterprise Service Bus platform. As experienced Integration Architect, I led the project and was responsible for the definition of the ESB selection framework. Aquafin asked for a pragmatic approach in order to avoid a heavy and long selection track.

Responsibilities:

- Define and manage the expectations of the concept ESB and the link with SOA
- Capture the AS-IS IT Architecture
- Define a TO-BE Integration Architecture
- Guide the ESB selection process
- Lead the workshops

Project challenges:

- Strict timing & budget

Retailer – IBM ESB & IBM BPM Coaching (01/2012 – 01/2013)

As lead architect, I was responsible for the identification of the research & development activities regarding IBM ESB and IBM BPM. The requirements are identified by collaborating with the individual project managers and architects of the individual projects (COTS, custom development). I identified reusable assets which are assembled in a common WESB & WPS development framework. I guided the design activities for the reusable assets and performs quality reviews of the implementations.

Responsibilities:

- Identify and prioritize the ESB and BPM research activities
- Coach internal architects and ESB/BPM developers with new guidelines and standards
- Improve vendor management and communication

Retailer – Integration Reference Architecture (04/2011 – 04/2013)

I worked together with other IT architects of Retailer to define a reference architecture for Integration. Retailer is moving from custom built solutions to package solutions in the future. This strategy addresses new requirements towards integration. As an overall integration expert, I was responsible to apply and to define the right patterns.

I defined an approach, which was based on IBM's patterns for e-business. This pattern catalogue is also mentioned in TOGAF 9.

Project challenges:

- Low maturity regarding reference architectures and integration topics
- Stakeholder alignment

Retailer – Audit Ordering Application (01/2012 – 03/2012)

As an IT architect and WebSphere Expert, I was responsible to review the ordering application of Retailer due to performance issues. The ordering application is a custom built solution on J2EE and CICS technology. A bottom-up approach was taken, based on the source code, since there was no documentation available. Based on the source code, I made the AS-IS design and architecture documentation.

The second part of the project is describing solutions to improve the overall performance of the ordering application. A set of quick fixes was defined and a set of long-term recommendations were made. These recommendations are

communicated up to the C-level to create awareness of potential future failures with other custom solutions. The recommendations were categorized under architecture, design, implementation and technology.

Project challenges:

- Spaghetti code
- No documentation
- Timing constraints as business was severely impacted

Retailer – Retailer Distribution Platform (09/2010 – 12/2011)

I was responsible for the functional and technical architectures in the Retailer CDP program. The vision and goal of the CDP program is the alignment of all business processes for the different Retailer entities (Food, non-food, France, Dreamland, ...).

The program has been split in different waves, releases and projects because of its complexity. Each CDP wave, release and project has several integration points with the existing legacy systems. These legacy systems still support the business processes that are out of scope.

On a release level, I was responsible for the high level ICT and project definition. These deliverables serve as an input for the individual projects. I was responsible for the architectural alignment within these projects with the release architecture.

On a project level, I was responsible for the functional and technical architecture and the follow-up of the analysis and design activities.

Public Transport Company – Software Development Methodology (03/2009 – 12/2010)

I was responsible for the optimization of the development methodology of Public Transport Company. The complete Public Transport Company development methodology is based on the Rational Unified Process and Service Oriented Modeling and Architecture (SOMA). I customized the RUP process based on the organizational structure and existing methodology. Creating templates and selecting a modeling tool was the primary focus. I was responsible for the introduction of the new development methodology in a pilot project.

Public Transport Company – SOA Development (06/2009)

I was responsible for the trainings at Public Transport Company regarding WebSphere SOA Middleware and SOA development. As an expert of IBM WebSphere Process Server and IBM WebSphere Enterprise Service Bus, I introduced development practices for the IBM WebSphere SOA platform.

Global topics:

- Introduction to Service Oriented Architecture
- Services and service components
- Service component architecture best practices and guidelines
- SOA Standards: WSDL, BPEL, BPMN, SCA

Technical topics

- IBM WebSphere Process Server and IBM WebSphere Enterprise Service Bus architecture
- BPEL, WS-BPEL4People implementations on WebSphere Process Server
- Business rules, Common Event Infrastructure, Mediation components, Selectors, ...
- SCA for IBM WebSphere Process Server
- IBM WebSphere Process Server deployment architectures and release procedures

Public Transport Company – Selection a BPMS Platform (01/2009 – 06/2009)

I supported the customer with the selection of its BPMS platform. Using several evaluation techniques, Public Transport Company adopted IBM WebSphere Process Server as platform.

I was responsible for the execution of the proof-of-concepts during this track. The proof-of-concepts were based on Intalio|BPM and IBM WebSphere Process Server.

I presented both platforms, using proof-of-concepts, to the business and ICT stakeholders of Public Transport Company.

Public Transport Company – Enterprise Architecture (09/2008 – 12/2010)

Implementation of the Public Transport Company Enterprise architecture based on the TOGAF methodology. Design of reference architectures for SOA, BPM, Portal and integration platforms. Service- and process modelling based on SOMA and CDBI practices. Evangelizing SOA and BPM at the business and the ICT-side. Business-ICT alignment by optimizing the software delivery lifecycle, making it more requirements-driven. Readyng the organization for process-driven development.

Bank & Insurance – IBM WebSphere process Server (01/2008 – 12/2008)

The Bank & Insurance company has chosen IBM WebSphere Process Server as the hosting platform for its business services. I assisted the bank's IT organization in the change management necessary to support the product and provided advice and training on architectural, tactical and operational topics.

IBM Business Partner Services Program for WebSphere (06/2008 – 01/2012)

As of June 2008, I was a member of the IBM Business Partner Services Program. Using this partner program, IBM works closely with its business partners towards its customers. I was specialized in WebSphere Middleware and did a lot of consultancy assignments for the customers of IBM. The scope of the assignments varies from SOA architectures based on IBM WebSphere to operational support for WebSphere platforms. Being a member of this service team, I had the chance to work and collaborate with worldwide product experts from IBM.

Pharmaceutical Company – Service-Oriented-Architecture

I assisted the lead Enterprise Architect in the creation of a specific SOA methodology for the customer. The methodology helped the customer in the adoption of SOA and its different governance processes.

Retailer - Freshfood delivery platform (04/2006 – 12/2009)

Retailer wanted to introduce a new freshfood delivery platform for their wholesale activities. This new platform has to be based on SOA and BPM principles to support an agile-driven business. The new platform is automating end-to-end business processes using SOA services, and is able to provide end-to-end real-time monitoring. This way the customer is able to proactively act on unforeseen circumstances like truck accidents, failures in the warehouses...

I supported the Enterprise Architect as software architect and lead developer. I defined the technical integration architecture and the development framework. I lead a team of three developers to make this platform up-and-running in 4 months. I was the technical point-of-contact and I lead the 24/7 on-call team for a couple of years.

The new platform was built on top of IBM WebSphere SOA middleware products.

Public Telco - iDTV Instant Fulfillment (2006)

As Lead Software Developer, I helped with the migration track from WSADIE/WBISF to WID/WPS. I took care of the various migration challenges in the new environment (WID/WPS).

Government (2006)

As WebSphere Specialist I helped with the installation and verification of WebSphere Process Server 6.1 on Windows Server 2003/DB2

Printing & Press Company - Marketing Supply Chain Platform (2006)

I was part of a development team which created a new extranet based on IBM WebSphere Portal technology. This extranet was supported by the automation of end-to-end business processes using IBM WebSphere Process Server. As lead developer, I was responsible to solve the integration challenges, to collaborate with the customer and the lead architect. I took the lead in the definition of the integration solutions towards the various backend systems.

Printing & Press Company - e-procurement platform with online auction (2005-2006)

I was part of a development team which created a new extranet based on IBM WebSphere Portal and IBM WebSphere Process Server technology.

Printing & Press Company - Extranet Portal with business process support (2005)

I was part of a development team which created a new extranet based on IBM WebSphere Portal and IBM WebSphere Process Server technology.