

CTO

SOLUTION DESIGN & ENGINEERING

Master's degree in Engineering, Mines Paris Tech (1979-1982)
Executive MBA, HEC (CPA Paris)

French, English: bilingual

German: fair (B2-C1)

Italian: in writing (A2)



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PROFESSIONAL EXPERTISE

- **Functional analysis, Software solution design, Data architecture**
- **Software architecture, IS integration, SOA, REST, ETL, BI**
- **Methodology, Project management, QA, Release management**

FUNCTIONAL EXPERTISE

- **Data governance, Master data, Data protection (GDPR...)**
- **B2B, B2C, SaaS, IT infrastructure management, ITSM, CMDB**
- **Supply chain management, Production management, Healthcare**
- **Cost accounting, Budget management, Contract management**

TECHNICAL COMPETENCES

- **HERMES, IPMA, ITIL, UML, patterns, Scrum/Agile**
- **Web technologies, on-line payments**
- **SQL, XML, Big Data, geindexing, nodejs, c++, Java, Python**
- **Asset Manager, Connect-It, UCMDB, Quality Center, LoadRunner**
- **OLAP, Business Objects, Cognos**

EXPERIENCE SUMMARY

At first CIO (at CGE holding, then Lariboisière hospital group, then Groupe Accueil), I managed during thirteen years teams up to a dozen members, and delivered innovative IT solutions (decision making, medical servers, ERP...) covering the main operational and functional domains of information systems in a variety of industries : finance, health care, trade, food, real estate, administration.

As CIO jobs were becoming less and less technical, since I wished to stay with software engineering, I hopped to the software and professional services industry, dedicating twelve years to the design and architecture of the HP Asset Manager solution. In this role, I conceived or redefined various major modules of the product, including CMDB, budget management, catalogs, procurement and software management. Meanwhile, I provided architecture services for very large implementations of the solution at the largest accounts worldwide.

I developed in parallel a self-employed activity, leading or architecting complex projects for major companies (Air France, Aramco, Nestlé, Credit Suisse, Bayer...) as well as helping various innovative startups (batmaid.com...) and software companies (agendize.com...) with their software engineering. I am currently an MDM architect for the Fribourg canton in Switzerland on behalf of Antaes, as well as a partner and technical advisor to agendize.com.

PROFESSIONAL EXPERIENCE

Since 2017 **CONSULTANT, Antaes** (*IT Services, CH*)

Since 2017 **MDM ARCHITECT, SITel** (*IT services for the administration, CH*)

- Analysis of the data governance for cantonal repositories, especially persons (employees, inhabitants, tax payers, etc.) and companies: laws, data quality, sources, sharing needs, data stewardship, exhaustiveness, downstream integration, procedures;
 - Personal data protection (GDPR and other regulations), necessity vs protection survey methodology;
 - Master Data repository design: perimeter and phasing of the project, data integration, data stewardship, data quality management, slow transactions isolation, flexible prescriptiveness, asynchronous coupling;
 - Architecture : technological decisions, software architecture, data modeling, optimization, APIs, subscriptions;
 - Security : risks assessment, definition of organizational security measures, encryption, identification and authentication levels, end-to-end authentication, rights delegation, fine data access control, secured journaling.
- *HERMES, SOAP, BizTalk, Talend, Java, SQL Server, AD, Jira, Sharepoint...*

2014-2017 **CTO / PROJECT MANAGER / ARCHITECT, PolinConsulting** (*independent Consultant, CH*)

2006-2017 **ARCHITECT AND PARTNER, agendize.com** (*B2B CRM, FR*)

- Technical strategy and architecture
 - Functional analysis, modeling and architecture of various modules
 - QA Organization and automation
- *Java, REST APIs, JSP, MariaDB, Linux, Android, iOS*

2017 **TECHNICAL PROJECT MANAGER, Bayer** (*Pharmacy, DE*) (for **TCS**, 2 team members)

- Data & integration Architecture of the Asset Management (Asset Request Management, Stock Management & Purchases, Change-Management, SAP & CMDB integration...)
- *HP Asset Manager, HP UCMDB, HP Connect-It, Oracle, Windows...*

2016 **CTO AND PARTNER, skilltapp.com** (*B2B addressing the independent workers industry, US*)

- Strategy, functional analysis, product design, architecture, PoC
- *REST APIs, Node JS, MySQL, Big Data, BlockChain, Git, Linux*

2014-2016 **CTO, batmaid.com** (*B2C in the area of Home-Services, CH*) (**5** team members)

- Hiring, team building, organization, methodology
 - Contribution to strategy, Functional analysis, Product roadmap, Project management
 - Data architecture, Software architecture, Algorithms, Integration architecture
 - QA, Data-alignment (Accounting, Payroll, Administration), BI (CRM, Risk management)
- *Symfony, PHP, Youtrack, Git, MySQL, Linux, PCI compliance...*

2014-2016 **ARCHITECT AND ADVISOR, papayapods.com** (*B2C Student Accommodation, CH*)

- Functional analysis, Software architecture, Methodology
- *Node JS, Jira, Git, Linux...*

2014-2016 **CTO, Polin Consulting** (*Software Engineering*)

- Conception and architecture of an application prototyping workbench, PoC
- *NodeJS, MySQL, YAML*

2007-2014 CONSULTANT, Antavis (IT Services, CH)

2010-2014 **CONSULTANT, Credit Suisse (Bank, CH)**

- Functional analysis, Data modeling
- Integration architecture (Master data, ITSM, Discovery, Automation, Cost accounting, BI)
- Misc. projects of migration, Development, QA of the CMDB and Contract management
- *UML, HP Asset Manager, HP-Connect-It, Jira, Oracle, MS-Windows, Web...*

2009 **CONSULTANT, Swisscom (Telecom, CH)**

- Architecture for the Telecom management and Cost accounting for Credit Suisse
- *HP Asset Manager*

2007-2010 **CONSULTANT, Nestlé (Food, CH)**

- Integration architecture (Master data, Discovery, Electronic-Software-Distribution)
- Misc. migration projects, Development, QA of the CMDB
- *HP Asset Manager, Service Manager, Connect-It, QualityCenter, MS Deployment Workbench...*

2000-2007 CTO / PROJECT MANAGER / ARCHITECT / ADVISER, PolinConsulting (independent Consultant, CH)
(50%)

2004-2007 **ARCHITECT, Air France (Transportation, FR) (for HP)**

- Architecture for the ITSM (CMDB, Procurement, Change-Management; 700 Users)
- Functional analysis, Data architecture, Integration architecture
- Design of the Change Management module : planning, optimization, design and coding of algorithms
- *HP Asset Manager, HP Connect-It, Oracle, Linux, Web, DWH...*

2003-2004 **PROJECT MANAGER, Aramco (Energy, SA) (for HP, 7 team members)**

- Project management for procurement, stock Change-Management (1000 users)
- Integration architecture (Master data, SAP, Inventory)
- ETL, Migration from MVS mainframe, QA
- *HP Asset Manager, HP Connect-It, Oracle, PL/SQL, MS Windows...*

2002 **CTO AND PARTNER, Enovant (software publishing, US) (4 team members)**

- Product strategy, R&D management, Modelling, Architecture, Algorithms, Development, QA
- Direction of a project foreshadowing Google Earth for **planetobserver.com** (B2B/B2C, FR)
- *Web, Flash, Oracle, Geographic indexing, Java, Tomcat, Linux*

2006-2007 **ADVISER, CHS Le Mans, CHU Besançon, CHS Villejuif, UGECAM Nord-Pas-de-Calais (Healthcare, FR) (for Eurogroup), Amica (Electric engineering, FR)**

- Architecture and organization audits and definition of the IT strategy

2001-2007 **ARCHITECT, KLM (Transportation, NL), Carrefour (Trade, FR), Sopra (IT Engineering, FR), Canal+ (Media, FR), Aramco (Energy, SA), Credit Suisse (Bank, CH) (for HP), Crédit Coopératif (Bank, FR) (for HP), Barclays (Bank, UK) (for HP), Chantiers de l'Atlantique (Ship building, FR) (for HP), Ministère des Finances (Administration, FR) (for HP), EDF (Energy, FR) (for HP), Qualcomm (Telecom, US), Moissons Nouvelles (Insurance, FR) (for A2), Novalis Taitbout (Insurance, FR) (for Columbus)**

- ITSM and CMDB audits and strategy
- Functional analysis, data modeling, master data, architecture, integration
- *HP Asset Manager, HP Connect-It, HP Enterprise Discovery, HP Service Manager, Web*

2000 **ARCHITECT AND PARTNER, workspeed.com (B2B-SaaS for Facility-Management, US)**

- Product strategy, business analysis, architecture

1996-2007 **PRODUCT ARCHITECT, HP** (*ex-Peregrine, ex-Apsylog, Software publishing, FR*) (part-time from 2000 on)

(50% from 2000)

- Architecture (**2** team members) of large, complex projects, e.g. Architecture of the Production & Invoicing project of the IT-outsourcing for Xerox USA: CMDB, Service management, Change management, Procurement, Cost accounting, Billing (60 men-years, 2000 users)
 - Rearchitecting (master data, data model, integrity) of the core modules of HP Asset Manager: CMDB, Service Catalog, Procurement, Software licensing management
 - Analysis and architecture (master data, data model, integrity) of new modules of HP Asset Manager: Asset batches, E-Provisioning, Budget-Management, Chargeback
 - Architecture of packaged workflows and interfaces between HP Asset Manager and major ERPs (SAP, Oracle): Procurement, Fixed assets. BI interfaces
 - QA : Development of automated tests. Test/fix-campaigns, Load/Stress testing
- *c++, XML, Web, SAP Business Objects / Crystal Reports, Cognos, LoadRunner, Lotus Notes...*

1991-1996 **CIO, Groupe Accueil** (*Healthcare, Trade, Catering, FR*) (**10** team members)

- Management of the department (**10** team members) in charge of the IT of the entire group
 - IT-Outsourcing for two external hospitals (11 MF/year).
 - Architecture and management of various projects, including a specific Supply chain system in the fields of Catering: Master data, BoM and routing, Clients, Previsions, Provisioning, Stock, Capacity planning, Production, Logistics
 - Software and integration architecture of BI / DWH interfaces
- *c++, VB*

1990-1991 **CONSULTANT, Capgemini** (*Coconsulting, FR, ex-Bossard Systems*) (**2** team members)

- Survey about IT maintenance, for the French Ministry of Justice.
- RFP: Production system for a hospital (Paris).

1988-1990 **CTO, Groupe Hospitalier Lariboisière** (*3 hospitals, FR*) (**10** team members)

- Management of the IT department
- Architecture and Project management of a server to dispatch the lab results to wards
- Analysis and architecture of applications in the fields of medical files
- Various BI / DWH-projects

1983-1988 **CIO, Compagnie Générale d'Électricité** (*Holding, FR*) (**2** team members)

- IT projects of the holding
- Architecture and Development of a specific BI / OLAP about subsidiaries for the Executives
- IT projects in (the fields of BI, Legal and Finance)