

INFORMATION SYSTEMS ENGINEERING



Master's degree in Engineering, Mines Paris Tech (1982)
Executive MBA, HEC (CPA Paris, 1995)

French, English: bilingual

German: fair (B2)

Italian: in writing (A2)

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PROFESSIONAL EXPERTISE

Functional analysis, Application design, Data modeling
Software architecture, IS integration architecture, SOA, REST, ETL, BI
Project management, , QA, Release management, Product management

FUNCTIONAL EXPERTISE

B2B, B2C, SaaS, IT Infrastructure management, ITSM, CMDB
Supply chain management, Production management, Healthcare
Cost accounting, Budget management, Contract management

TECHNICAL COMPETENCES

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

PROFESSIONAL EXPERIENCE

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
- *Java, REST APIs, JSP, MariaDB, Linux, Android, iOS*

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

- Data Architecture, Integration Architecture of the IT Asset Management system (Asset Request Management, Stock Management & Purchases, Change-Management, Architecture of 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

- Data modeling and architecture, Software architecture, Statistics and algorithms, Integration 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
- Architecture strategy, Integration architecture (Master data, Discovery, Help desk, Change management, 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, HP Service Manager, HP Connect-It, Tivoli, SCCM, MS Deployment Workbench, AD, SharePoint, HP-QualityCenter, MS SQL Server, Windows...*

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

2004-2008 **ARCHITECT, Air France** (*Transportation, FR*) (for **HP**)

- Architecture for the ITSM (CMDB, Procurement, Change-Management; 700 Users)
- Functional analysis, Data architecture, Integration architecture, Algorithms
- *HP Asset Manager, HP Connect-It, Oracle, Linux, Web, DWH...*

2008 **ADVISER, Novalis Taitbout** (*Insurance, FR*) (for **Colombus Consulting**)

- Support of an integration project

2007 **ARCHITECT, KLM** (*Transportation, NL*)

- Functional analysis, Architecture of a new ITSM-system
- *HP Asset Manager, Web*

2007 **ADVISER, Moissons Nouvelles** (*Welfare, FR*) (for **A2 Consulting**)

- Support of an integration project

2006-2007 **ADVISER, CHS Le Mans, CHU Besançon, CHS Villejuif** (*Healthcare, FR*) (for **Eurogroup**)

- Architecture and organization audits and definition of the IT strategy

- 2005 **ARCHITECT, Carrefour (Trade, FR)**
 - Data architecture, Integration architecture of the CMDB
 - *HP Asset Manager, HP Connect-It*
- 2005 **ARCHITECT, Sopra (IT Engineering, FR)**
 - Migration architecture for the ITSM system
 - *HP Asset Manager*
- 2005 **ARCHITECT, Canal+ (Media, FR)**
 - Audit of the Software architecture of the ITSM system
 - *HP Asset Manager*
- 2004-2005 **ADVISER, UGECAM Nord-Pas-de-Calais (Healthcare, FR) (for Eurogroup)**
 - Architecture audit and IT strategy
- 2004 **ARCHITECT, Aramco (Energy, SA)**
 - Software architecture (Telecom)
- 2004 **ARCHITECT, Credit Suisse (Bank, CH) (for HP)**
 - Architecture Audit of the CMDB
 - *HP Asset Manager*
- 2004 **ARCHITECT, Crédit Coopératif (Bank, FR) (for HP)**
 - Integration architecture (Master data, Discovery) of the CMDB
 - *HP Asset Manager, HP Connect-It*
- 2004 **ARCHITECT, Barclays (Bank, UK) (for HP)**
 - Integration audit & architecture (Master data, Discovery, Accounting) of the CMDB
 - *HP Asset Manager, HP Connect-It, HP-Enterprise-Discovery, Oracle*
- 2004 **ARCHITECT, Chantiers de l'Atlantique (Ship building, FR) (for HP)**
 - Data and Software-Architecture
 - *HP Asset Manager, HP Connect-It*
- 2003-2004 **PROJECT MANAGER, Aramco (Energy, SA) (for HP, 7 team members)**
 - Project management of a Procurement-, stock- and Change-Management-Application (25 men-years, 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...*
- 2003-2004 **ARCHITECT, Ministère des Finances (Administration, FR) (for HP)**
 - Software architecture, Integration architecture, QA
 - *HP Asset Manager, Web*
- 2002 **CTO AND PARTNER, Enovant (software publishing, US) (4 team members)**
 - Product strategy, R&D management
 - Software architecture, Data modelling, Algorithms
 - Development, QA, ETL, Deployment, Support
 - Direction of a project foreshadowing Google Earth for **planetobserver.com (B2B/B2C, FR)**
 - *Web, Flash, Oracle, Geographic indexing, Java, Tomcat, Linux*
- 2002 **ARCHITECT, EDF (Energy, FR) (for HP)**
 - Data architecture of the CMDB, Integration architecture
 - *HP Asset Manager*
- 2002 **ADVISER, Amica (Electric engineering, FR)**
 - Architecture and organization audit and IT strategic consulting

- 2001 **ARCHITECT, Qualcomm** (*Telecom, US*)
- Strategic consulting and Architecture of the CMDB & ITSM
 - *HP Asset Manager, HP-Service Manager*
- 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)
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- 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
 - Product strategy and positioning
 - 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)
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- 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 / Production management system in the fields of Catering: Production plans and materials management, Capacity planning, Procurement management, Stock management, Planning, Execution, Delivery logistics
 - Software and integration architecture of BI / DWH interfaces
 - *c++, VB*
- 1990-1991 **CONSULTANT, Capgemini** (*Coconsulting, FR, ex-Bossard Systems*) (**2** team members)
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- 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)
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- 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)
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- IT projects of the holding
 - Architecture and Development of a specific BI / OLAP system about the data of the group (1000 subsidiaries, 200000 employees) for the Executives
 - IT projects in the fields of BI, Legal and Finance