

Eric POLIN

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EDUCATION AND LANGUAGES

- **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)

PROFESSIONAL EXPERTISE

- **Strategic architecture, Functional analysis, Modeling, Software solution design**
- **Software architecture, IS integration, SOA, REST, ETL, BI**
- **Methodology (HERMES, IPMA, ITIL, Scrum), 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, Maintenance management, Healthcare**
- **Cost accounting, Budget management, Contract management**

TECHNICAL COMPETENCES

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

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.

CIO positions becoming less operational, I opted for the industry of software and professional services, dedicating twelve years to the design of the HP Asset Manager solution and its most complex implementations (CMDB, budget management, catalogs, procurement and software management).

I finally developed 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, more recently, advising software companies (agendize.com...) and IT departments (SITel, SiL) about applications and data strategy.

PROFESSIONAL EXPERIENCE

Since 2018 **ENTERPRISE DATA ARCHITECT MITC** (*independent consultant, CH*)

Since 2018 **ENTERPRISE DATA ARCHITECT, SIL** (*Facilities and Distribution Management, CH*)

- Systemic analysis of the geographical and management data: characterization, organization in layers by relevance, invariance, life cycle, quality, sources and processes;
 - Conceptual data model: identification and naming of concepts, data and interrelations;
 - Data urbanism & design of the target information system: master data and data sharing, breakdown into atomic integrated applications, optimized interactions ; strategic requirements for the RFPs.
- *SAP, PostGIS, LIDS...*

2017-2018 CONSULTANT, Antaes (IT Services, CH)

2017-2018 **MDM ARCHITECT, SITel (IT services for the administration, CH)**

- Analysis of the master data governance, including persons & companies: regulations, sources, sharing, quality, conflict, exhaustiveness, downstream integration, procedures;
 - Personal data protection (GDPR and other regulations), impact survey methodology;
 - Design: integration, quality and stewardship (DQM), long transactions isolation, flexible prescriptiveness, asynchronous coupling, perimeter, priorities and phasing;
 - Architecture : technological decisions, software architecture, data modeling, optimization, APIs, subscriptions;
 - Security : risks assessment, organizational measures, identification levels, end-to-end authentication, access control, delegation, encryption,, 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)**

- Analysis, modeling, software architecture, QA methodology
- *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 ITSM / Asset Management system
- *HP Asset Manager, HP UCMDB, HP Connect-It, Oracle, Windows...*

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

- Product 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)**

- 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*

2012-2013 CONSULTANT, RM IT (IT Services, CH)

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

- Analysis, modeling, design (ITSM, CMDB)
- *UML, HP Asset Manager, HP-Connect-It, Jira, Oracle, MS-Windows, Web...*

2007-2011 CONSULTANT, Antavis (IT Services, CH)

2010-2011 **CONSULTANT, Credit Suisse (Bank, CH)**

- Analysis, modeling, integration (Master data, ITSM, Discovery, Automation, 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 system : planning, optimization
- *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)
- Architecture (Master data, SAP, Inventory), ETL, downsizing, 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, HP (Software, US), A2 (Consulting, FR), Colombus (Consulting, FR), KLM (Transportation, NL), Carrefour (Trade, FR), Sopra (IT Engineering, FR), Canal+ (Media, FR), Aramco (Energy, SA), Credit Suisse (Bank, CH), Crédit Coopératif (Bank, FR), Barclays (Bank, UK), Chantiers de l'Atlantique (Ship building, FR), Ministère des Finances (Administration, FR), EDF (Energy, FR), Qualcomm (Telecom, US), Moissons Nouvelles (Insurance, FR), Novalis Taitbout (Insurance, FR)**

- 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** (*Coonsulting, 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 medical files management, 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)