Alexander SAMARIN

DIGITAL ENTERPRISE ARCHITECT in banking, insurance and public sectors

Address: Ch. Pré-du-Marguillier 18, Arzier, 1273, Switzerland (willing to travel and relocate)
Mobile: +41 76 573 40 61 ▪ **Email**: alexandre.samarine@gmail.com ▪ **Skype ID**: m765734061
LinkedIn: http://www.linkedin.com/in/alexandersamarin ▪ **Website**: http://www.samarin.biz
Professional blog: http://improving-BPM-systems.blogspot.com ▪ **Twitter**: @samarin
Languages: fluent in English and Russian; proficient in French • **Nationalities**: Swiss and Russian

---

Business strategy • Operating model • IT transformation • Agile evolution • Knowledge transfer

- Creation of synergies between business goals and IT/IS potentials
- Holistic use of EA, BPM, ECM, SOA, IT/IS governance and strategy for major international clients
- Top quality design and delivery of IT/IS services, enterprise-wide architectures and solutions
- Effective communication of architectures to all stakeholders (from top management down)
- 7 years as enterprise architect; 15 years as BPM/SOA/ECM architect; 5 years as business architect
- Successful projects at the scale of company, corporation, canton, confederation and continent
- Creation of process-centric production systems with built-in quality, flexibility and extensibility
- Experience in transforming major enterprises to fully electronic (digital) working
- Author of highly rated BPM and SOA bible on "Improving enterprise business process management systems" (see www.improving-BPM-systems.com/book)
- Architectural review ▪ Stakeholder relation management ▪ Change management ▪ Team leadership
- Visionary ▪ Realistic ▪ Innovator ▪ Trustworthy • Continuous learner • Driver of transformations

---

PROFESSIONAL EXPERIENCE

Aug 2013 – Present • INDEPENDENT CONSULTING, Switzerland (use the power of EA to transform IT)
- Modernisation of the application architecture, for a Swiss insurance company
- Creation of a collection of enterprise patterns and practical process patterns
- Contract with THBS to improve the IT/IS governance at Schneider Electric (ARIS, integration, BPM)
- Publication of recommendations for use of EA to solve complex enterprise-wide problems

Aug 2010 – Aug 2013 • AFRICAN DEVELOPMENT BANK, Tunis, Tunisia (multilateral financial development organisation with 32 field offices and 2 000+ employees)
Chief enterprise architect (CIO front office), initiating and supervising critical IT initiatives at the bank
- Introduced project governance process in PMO and reviewed all projects to guarantee added-value
- Refreshed the bank's EA and established business architecture
- Initiated, planned and guided enterprise-wide "Corporate ECM/SharePoint platform" project
- Enriched the implementation of ITIL v3 using BPM principles
- Established an EA repository in ARIS (TOGAF, methodology, training, delegation and support)
- Modelled all the bank's business processes for their implementation in an ERP system
- Formulated the bank's IT strategy and provided a roadmap and portfolio of projects
- Re-architected the enterprise-wide information governance, management and exchange
- Directed the bank's progression to cloud computing, Business Intelligence (BI), Enterprise Risk Management (ERM), digital operations, multi data centres, BYOD and higher information security
- Introduced BPM (from both business and technical sides) into the SAP NetWeaver 7.3 development
- Architected a pan-African platform for e-governments and e-governance

Jun 2007 – Aug 2010 • STATE AND REPUBLIC OF GENEVA (public sector), Switzerland (600 staff in the IT/IS department, and 35 000 users) as a contractor from **TEAMLOG (SUISSE) S.A.**, Geneva, Switzerland
Enterprise architect & BPM coach (IT/IS department directorate), governance of critical IT initiatives
- Documented technical architecture (application cartography, reference architecture, methodology)
- Established global IT security principles
- Prototyped the documents and records management in ECM
- Ensured optimal performance of enterprise backup services encompassing 500 TeraByte
- Applied BPM/SOA principles to 30 MCHF cantonal e-government project
- Prepared operational process-based prototypes to improve business requirements
- Interlinked project management and EA for IT/IS PMO; introduced tools for EA automation

- Carried out architectural reviews of about 100 IT/IS projects per year to ensure their added-value
- Developed principles of Swiss e-government architecture (TOGAF-based)
- Member of the steering committee of the Swiss E-government Architecture Community
- BPM-centric implementation of an IS/IT system for a governmental agency within the Financial Department of the State and Republic of Geneva (specifications, design, extensive testing)

May 2006 – May 2007 • GROUPE MUTUEL, Martigny, Switzerland (country 3rd largest insurance company) as a contractor from **CLIO S.A.**, Geneva, Switzerland
Senior IT Architect and BPM/SOA coach, transformation of core-business internal systems
- Implanted practical enterprise architecture
- Adapted the implementation approach to the customer's realities
- Established agreed architecting, design and engineering principles
- Established common implementation practices
- Contributed to information security and document management components
- Directed prototyping of BPM/SOA solutions

Sep 2005 – May 2006 • INDEPENDENT CONSULTING, Switzerland (use the power of BPM and ECM)
- Developed and implemented Plone-based CRM system for André Chevalley Group in Geneva/Nyon
- Led IT system audit at International Union for Conservation of Nature in Gland, Switzerland (the audit was well received and used as a basis for further development of the enterprise IT system)
- Improved Livelink-based ECM solutions for British United Provident Association (BUPA), UK

Jun 2004 – Jul 2005 • INTERNATIONAL OLYMPIC COMMITTEE, Lausanne, Switzerland as a contractor from **TEAM PARTNERS,** Geneva, Switzerland and **A.C. CONSULTING S.A.,** Chêne-Bourg, Switzerland
ECM specialist, enhanced enterprise document and records management system by resolving issues and creating BPM/SOA-based system evolution strategy

Mar 1993 – Jan 2004 • ISO CENTRAL SECRETARIAT, Geneva, Switzerland (an international non-governmental organisation, publishing ISO international standards)
IT Coordinator for Electronic Publishing of Standards, spearheaded development and maintenance activities to support IT-based automation initiative for standards production
- Designed and implemented BPM / SOA based automation architecture
- Ensured top performance of standards production processes, involving 3 000 complex technical documents annually, 50+ participants, 3 production chains, 7 repositories, and 40 IT services
- Provided of operational long-term decisions regarding IT solutions
- Worked with users to develop business solutions
- Selected, implemented and evolved of DMS / ECM Livelink
- Linked DMS / ECM and other enterprise tools via API and processes
- Migrated of production tools and environment
Acted as a project manager or IT/IS leader
- Formulated and implemented of IT strategy for the ISO
- Designed and implemented of an SGML-based production system
- Implemented printing on demand
- Implemented the management of internal documents in the ISO/CS
- Implemented the automation of the ISO/CS quality system
- Led the feasibility study for a DMS / ECM
- Implemented of the ISO publications catalogue for paper and Web delivery

Sep 1979 – Mar 1993 • INSTITUTE FOR HIGH ENERGY PHYSICS, Protvino, Russia (scientific research)
Senior scientist at the IT department
- Led a group (5 persons) of IT/IS staff
- Implemented electronic publishing systems aimed at scientific publications
- Presented experience at various national and international conferences
- Developed a system dedicated to film analysis
- Conducted performance measurement to improve critical applications
- Designed and implemented computer graphics systems and applications for high energy physics
- Designed and implemented text and document processing

DIVERSE CONSULTING POSITIONS

- **Oct 2003 • The Australian National University**, Canberra, Australia • **Visiting fellow**
  - Pilot project for automation at the Research School of Physical Sciences and Engineering via Zope/Plone
- **May 1992 – Oct 1992 • CERN,** Geneva, Switzerland • **Scientific associate**
  - Developed LaTeX on all major computer platforms
  - Supported users from CERN and CERN-related laboratories
- **Mar 1989 – Apr 1990 • CERN,** Geneva, Switzerland • **Scientific associate**
  - Implemented an SGML system based on TeX
- **1986, 1987, 1988 • CERN**, Geneva, Switzerland • **Visiting fellow**
  - Implemented the DELPHI detector visualisation software

TECHNICAL SKILLS

EA:	Zachman, TOGAF, ARIS, Mega, BI, MDM, DW, BYOD, ERM, FOSS, COTS
BPM:	workflow, BPMN, ARIS, Intalio, Bonita, IBM WebSphere, Oracle SOA suite, SAP NetWeaver
ECM:	records management, SharePoint, FileNet, Panagon, Livelink, Plone, Zope, eXo, Alfresco
SOA:	WSDL, XSD, web services, monitoring, interface design, versioning, API
Projects:	RUP, Agile, SCRUM, PMP, HERMES
Applications:	UML, integration, virtualisation, J2E, Hibernate, Spring, javascript, Eclipse, LAMP, CORBA, ESB, app servers, Oracle, MySQL, SaaS, IaaS, PaaS, cloud computing, AWS
Languages:	assemblers, Bliss, Fortran, Java, C, C++, C#, .Net, Python, PHP, Jython, XML, SGML
Tools:	SAP, virtual tape library, Centronix, Tivoli
Systems:	Unix (mainly Solaris), Linux, Windows, DECsystem-10, PDP-11, VAX/VMS

PROFESSIONAL DEVELOPMENT

- 2013, "Decision Modelling Essentials + Advanced TDM", Azinta
- 2011, SAP training course BIT400 "SAP NetWeaver Process Integration"
- 2011, SAP training course BIT410 "SAP PI – Proxy Development & Service"
- 2011, SAP training course TZBPM "BPM on SAP NetWeaver CE 7.2"
- 2011, ITIL v3 foundation (certification number 26434-650843)
- 2011, "Building a business architecture", BPMInstitute.org
- 2010, "PMP BOOTCAMP: Preparation for Certification", Advancia
- 2010, "Introduction à HERMES", HES Geneva
- 2009, Certified TOGAF 8.1.1, The Open Group
- 2009, "TOGAF 9 level 2 For Practitioners", Architecting the enterprise
- 2007, "Certified Process Manager/Practitioner", BPMG.org
- 2005, "BPM: From Modelling to Execution", Intalio
- 2005, "SAPTEC Tehnologies de base de my SAP.com", SAP
- 2005, Entrepreneurship course "Venture Plan", VentureLab
- 2005, "710 Livelink Enterprise Archive Server Administration", OpenText
- 2005, "Livelink Records Management", OpenText
- 2001, "Rational Unified Process Fundamentals", Rational University
- 1998, "Object Oriented Analysis Using the UML", QA Training
- 1996, "Project Management", Titus Austin Inc
- 1998, "Object Oriented Analysis Using the UML", QA Training.
- 1996, "Project Management", Titus Austin Inc.
- 1996, "Application Development Course", Documentum.
- 1995, "ISO 10744 Hytime Standard", HighText.

CONTINUOUS EDUCATION

- 2006 – present, Information security, ISO 27000
- 2005 – present, BPMN and related OMG standards
- 2001 – present, ITIL, Governance, COBIT, ISO 20000
- 1998 – present, TOGAF, Zachman, EA frameworks
- 1996 – present, Portfolio and project management
- 1993—present, Systems thinking, QMS, ISO 9000, TPS, Lean, 6 Sigma, BPR

AFFILIATIONS

- 2000 – present, IEEE, Institute of Electrical and Electronics Engineers
- 2007 – present, ISACA, Information Systems Audit and Control Association

PUBLICATIONS

- 2009, Book "Improving enterprise business process management systems"
- 1993, Book "LaTeX Companion"
- *** Extensive list of other publications is attached separately ***

RECENT CONFERENCE PRESENTATIONS, TRAINING COURES, LECTURES, WEBINARS

- Invited speaker "How EA, BPM, SOA and ECM work together" at BPM mini-conference, Bergen, Norway, 2014
- Presentation "Business Architecture Patterns" at "BPM in Practice" conference Vilnius, Lithuania, 2013
- Lectures "Architecting modern information systems" at Cathage university, Tunis, Tunisia, 2011
- Presentations for BPM/SOA consortium of OMG, 2010
- 2 lectures for "Master Management des SI - Orientation BPM", HES-SO, Valais, Switzerland, 2010
- Presentation at 5th Business Process Excellence Summit, Dubai, OAE, 2009
- Several webinars "How to use BPMN for modelling business processes", 2009
- BPMN training course for European Directorate for Quality of Medicines and Health Care, Strasbourg, France, 2008
- Keynote presentation at "Architecture World 08" Conference in Bangalore, India, 2008
- BPM training course for "Quality and Strategy Manager", HES-SO, Valais, Switzerland, 2008
- 3 lectures for LAMS at EPFL, Lausanne, Switzerland, 2007, 2010 and 2014
- Presentation "Implementing BPM on SOA" at Intalio business breakfast, Geneva, Switzerland, 2006
- Presentation "From agile development to agile evolution of enterprise systems" at EuroPython Conference, Geneva, Switzerland, 2006
- Presentation "Three pillars of a practical architectural framework: BPM, SOA, ECM" at Open Group's Enterprise Practitioners' Conference in Lisbon, Portugal, 2006
- Presentation "The use of Plone for enterprise solutions" at Plone conference, Vienna, Austria, 2005
- Presentation "ISO: integrating the WEB and document management" at Documation conference, Paris, France, 2001
- Keynote presentation, "Legacy SGML document migration" at SGML Europe'96, Austria, 1996
- Invited speaker "DMS for distributed organisations" OpenText 1st Livelink User Conference, Las-Vegas, USA, 1998

EDUCATION

- 1986, Technical doctorate (PhD) • Dissertation: "Computer Graphics Applications in High Energy Physics" Institute for High Energy Physics, Protvino, Russia
- 1973-1979, Masters degree in computer science • Dissertation: "Portability of Operating System Components", Moscow Physics-Technical Institute, Moscow, Russia