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Born on 16/09/1971 in Annecy, 45 years  
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## Florian SANTI

### Senior Developer / Software Architect



## Background

- Senior .net Developer – February 2016
- Senior Software & System Architect – April 2014
- Senior .Net developer – June 2014
- Solution Architect / SQL Engineer – 2012-2014
- Technical Project Manager – 2010-2012
- Solution Delivery Manager – 2008-2010
- Senior Software Architect – 2005-2007
- Senior Application Engineer – 2002-2004
- Development Manager – 1998-2001

## Employment history

February 2016 – August 2016 – **Senior .net Developer – Freelance**

### **Pictet & Cie – Geneva, Switzerland**

- Analysis & Development of the new Pictet Exchange Web Services (WebApi 2, MVC, JSON, Bootstrap, REST, Swagger, .net 6.51, SQL Server, elmah, RestSharp, Log4Net, StructureMap)
- Analysis & Development of new Outlook Plug-in with custom ribbon (VSTO Library, EWS, AutoMapper, HtmlAgilityPack, Newtonsoft JSON, Restsharp, Log4Net, .net 6.51)
- Analysis and development of features integrated to the new ribbon:
  - Custom signature synchronized with AD ExtendedAttribute
  - Conversion to PDF of Outlook Item and archiving to Documentum
  - Prevent Copy / Prevent Reply
  - Undertake on shared mailboxes
  - Custom Find room with extended attributes (video, pc cappable, ...)
- Migration of client Lotus Note 8.5 to Outlook 2016

April 2014 – January 2016 – **Software & System Architect – Freelance**

### **Pulse Solution SA – Geneva, Switzerland**

- Analysis and development of a transactional Customer Experience Management (CEM) REST API (Entity Framework 6, Identity Framework 2, WebApi 2, AutoMapper, SQL Server 2012, Code First, C#, .MVC 5, net 4.5, MSDTC)
  - Analysis and development of survey applications for tablets (Xamarin Android, Xamarin iOS, Windows ModernUI)
  - Analysis and development of a multilingual website to monitor in real-time the result of surveys, manage accounts, manage campaigns, online payment (Responsive Design with Razor 3, AngularJS, Asp.net, Bootstrap, MVC 5, JSON, Stripe.net, SendGrid, HighCharts)
  - Performance campaigns to test high availability of the platform (Web portal, REST API, Database)
  - Setup and management of the Azure VMs, Development, Staging, Pre-Production and Production environments
  - Setup and management of the infrastructure on Office365 (Exchange, Yammer, Active Directory, ...)
- Technologies:* SQL Server 2012, .net 4.5, C#, MVC 5, WebAPI 2, REST, StructureMap, SSIS, PowerShell, Log4Net, Agile, TFS, Bootstrap; AngularJS, JScript, CSS, AJAX, JSON, SendGrid, HighCharts, reCaptcha, Xamarin Android/iOS

June 2014 – December 2014 – **.Net Developer on BlueSky - Freelance**

### **Arkadin Montpellier – France**

- Analysis and development of new features on the BlueSky web portal
  - Development of features in the REST API
  - Analysis and development of installation scripts in PowerShell
  - Analysis and development of new features in the Mediation component
  - Analysis and development of a new logging database for Log4Net
- Technologies:* SQL Server 2008R2, .net 4.5, C#, MCV, WebAPI 2, REST, SSIS, PowerShell, Log4Net, Agile, TFS, Bootstrap, JSON, CSS, AJAX

January 2013 – May 2014 – **Solution Architect - Freelance**

### **Arkadin Paris – France**

- Design and rollout of the high availability SQL server farm for the BI needs
  - Analysis and optimization of the DWH SQL Server (filegroup, indexes, tables split, indexed views, ...)
  - Definition of best practices for BI developers
  - Definition of security best practices with restricted accesses by functional users
  - Setup of the audit of the SQL Server (each query is logged and available for further performance analysis)
  - Dashboard & KPI with charting to follow the evolution of the performance improvement
- Technologies:* SQL Server 2008R2, .net 4.0, C#, PowerShell, WLBS, WMI, VS2010, MS Chart, Microsoft BI Suite

August 2012 – December 2012 – **SQL Support Engineer - Freelance**

**Arkadin Paris – France**

Applications: - Octopus (User Account /Billing management)  
- Salesforce (CRM)

- Analysis and development of new modules for Octopus
- Analysis and development of SSIS package to load data to Salesforce using the DataLoader interface.

Technologies: Visual Studio 2010, Microsoft SQL Server 2005-2008, Microsoft BI Suite, C#, AJAX, DotNet 2.0-4.0

November 2010 – July 2012 : **Technical Project Manager – Freelance**

**BNP Paribas – Montreuil (93) – France**

Application: - PUMAT (Web Portal for Planning & User Management Tool)  
- OPAAS (Web Portal for Management Tool Analysis and Support Activity)  
- WoMoToo (Web Portal for Working Monitoring Tool, BNP Asset management)  
- Blog & Wiki  
- Intranet Portal

- Analysis and development of the PUMAT application
- Setup and administration of user acceptance test and pre-production environments
- Setup of new configuration files on SSIS packages for each environments
- Setup of new databases for user acceptance test and pre-production environments
- Setup of new scripting tasks to recalculate the OLAP Cube
- Technical documentation on new environments
- Technical and maintenance documentation
- Analysis and development of new features on the applications above
- Analysis and development of an application to perform the physical inventory with a barcode device.

Technologies: : Visual Studio 2010, Microsoft SQL Server 2005, Oracle 8-9, Microsoft BI, Microsoft BI Suite, ASP .NET 2.0, C# 2.0, AJAX, JSON, MVC 5, DotNet 2.0-4.5 Framework, Windows Mobile 6.5, DotNetNuke 5 Framework, FusionChart Libraries

November 2007 – Octobre 2010: **Solution Delivery Manager - Freelance**

**Nestlé Switzerland (Nestec SA)**

Applications : - PRAM (Provisioning Role Assignment Management to SAP 4.6.c and SAP ECC 6.0)  
- Self Password Reset from Courion (Active Directory password reset solution)

- New release versions management of PRAM
- KPIs, dashboard for incident management (2<sup>nd</sup> and 3<sup>rd</sup> level) and technical evolution
- Project management between development teams in India and integration/deployment teams in Switzerland
- Functional and technical specification writer
- Design and development of a new three-tiers framework for the new versions of PRAM (.net 3.5)
- Design and development of a monitoring application for PRAM in ASP.net (.net 3.5)
- Monitoring tools integration in SharePoint 2010
- Functional and technical support level II & III (FTS)
- Design and development of real-time synchronization processes between PRAM and SAP
- Migration SQL Server 2000 to 2005
- Stored procedure and SQL Server optimization campaigns

Technologies : Visual Studio 6-2005, Team Foundation Server, SharePoint, MSSQL Server 2000-2005, Microsoft.net 3.5, Microsoft BI, IIS6, WebServices, SAP 4.6.c and SAP ECC 6.0, SAP XI, SAP Netweaver IDM, IBM Tivoli, Agile, Scrum

January 2005 – October 2007 : **Senior Software architect – Freelance**

**Xpectis – Streamlined Solution Services (Luxembourg)**

Application : Fundsettle («Hedge Funds Trading» for Euroclear bank)

- Conduct of meetings with the reference technical teams on architectural issues
- Arbitration of issues within the technical teams on architectures suggested
- Proposal of improvements to architectural designs, benchmarking and choice of components before their integration into the global architecture
- Organization of campaigns to optimize performance
- Training to the development team on OO programming concepts and Microsoft .net 3.0
- Functional and technical support level II & III (FTS)
- Writing of functional and technical specifications and maintenance of general architecture records
- Migration VB6 to VB.net
- Migration Microsoft SQL Server 2000 to 2005
- Design and development of the new module "Legal Records" for the FundSettle application

Technologies: MSSQL 2000-2005, MS Application Server 2000-2003, COM/DCOM, Visual Studio 6-2005, VB6-.net, ASP 3-.net, JavaScript, IIS5-6, IBM MQ Series 6, XML

January 2002 – December 2004 : **Senior Development Engineer – Freelance**

**Ville de Genève (Switzerland) – EasyBalance Project**

- Design and development of an application managing the inputs / outputs dissection trucks within the treatment plants
- Development of interfaces for the balance and the magnetic card reader with a touch terminal
- Automation of the upload for the billing data to SAP

Technologies : MSSQL 2000, Visual Studio 6, VB6, Crystal Report 9, SAP R/3

### **Galisan & Co Ltd (Japan) – xTrade Project**

- Writing functional and technical specifications of the application dedicated to the management of goods export
- Design and development of management modules including: customers, suppliers, cash receipt / inspection of goods, supplier orders, billing, risk management, statistics

*Technologies : MSSQL 2000-2005, Visual Studio 6-2005, VB6-.net, IIS 5-6, Crystal Report 9, SSIS, Report Services*

### **Reuters Financial Software (RSF) (France) – QuickCalc Project**

- Writing technical specifications and implementation of the new financial calculation Kondor templates

*Technologies : Visual Studio.net 2003, JavaScript, VBScript, XML, HTML*

### **Galisan & Co Ltd.(Japan) – Network administrator**

- NT4 Upgrade to 2003 Server, Exchange 5.5 Upgrade to Exchange 2003
- Set up of Webmail, Remote Desktop, MS Update Server (WUS) and the Microsoft GPOs management

*Technologies : MS Server 2000-2003-2008, MS Exchange 5.5-2003, Routing, VPN, DHCP, DNS, WINS, TCP/IP, SMTP, POP, IMAP, RD, NAT, Firewall*

### **ProSourcing SARL (Switzerland)**

- Design and development of an application monitoring processes via TCP / IP, client / server

*Technologies : Visual C++, Visual Basic, SQL Server 7.0-2000, Transact-SQL, Access 2000, Temenos Globus, Seagate Crystal Report 8.5*

April 1998 – May 2001 : **Application Development Manager - FirstQuote SA shareholder**

### **FirstQuote SA (Switzerland)**

- Definition and implementation of development policies and procedures
- Recruitment management, budget and resources planning (10 employees)
- Development manager
- Preparation and monitoring of internal and external projects follow-up
- Participation in the product strategy with the Marketing and Communication department
- Validation of functional and technical deliverables

April 1995 – March 1998 : **Development Engineer – Business Information SA (Switzerland) Consultant**

### **Haemonetics (Switzerland)**

- Design and development of a tool to monitor and manage a medical centrifuge through a serial interface RS232

*Technologies : Borland C++, Rogue Wave C++ Classes, Access 2, Visual Basic 5, NT4, Windows 95, TCP/IP, Crystal Report 7*

### **United Overseas Bank (Switzerland)**

- Design and development of a tool to reevaluate IRS (Interest Rate Swap) and FRA (Forward Rate Agreement) from a "Zero Coupon" rate, imported from an Oracle database, for the accounting department
- Implementation of a tool for the Traders in order to display their clients' portfolios (data update in real time)

*Technologies : Access 2, Oracle 7, Crystal Report 7, NT4, Visual Basic 5, Oracle Developer Toolkit 2000*

### **Hewlett Packard (Switzerland)**

- Design and development of an application to generate the HP products catalog for the division Europe

*Technologies : Borland Delphi, Oracle 7, Crystal Report, NT4*

September 1992 – March 1995 : **Microsoft trainer – Freelance**

### **Wang SA (Switzerland) et GKN - Global Knowledge Network (Switzerland)**

- Microsoft Office trainer – beginner and advanced levels to the Geneva State staff
- Programming courses in Microsoft VB / Access / SQL to the CERN – Geneva staff
- Implementation of desktop applications for internal needs

## **Education and skills**

### **Diploma**

- 1992 – Analyst-Programmer in Information Technology – IEPIGE Geneva, Switzerland

### **Languages**

- *French* : mother tongue
- *English* : fluent (daily usage)
- *Italian* : good knowledge
- *Japanese* : good knowledge

## **Interests**

Snowboard, trek, car race

Learning of Japanese (speaking & writing)

Music (Jazz, Soul), reading (magazines and novels), actions movies, theater, museum, painting, travels.