

## CAREER EN

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## EXPERIENCES

### ENGLISH\_TITLE

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Lille (France) - sample - 6 months

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### Solutions Srchitect


Paris - 2017 - -





## Bruno Medici


Freelance  
Web architect


 cvweb@bmconseil.com

 +33 611 647 608

 bmconseil.com

 brunomedici

 bmedici

 Paris 13 + Lille Centre

## EDUCATION

**Master degree in engineering at Telecom Lille**

ENIC - Lille, France  
Mobile communications:  
GSM, UMTS  
Marketing of information technologies  
20005-2006

### Training and workshops

RailsConf 2010/Baltimore,  
2009/Las Vegas,  
2007/Berlin  
ParisOnRails 2007 (Paris)  
PHP Conference  
2004/Amsterdam,  
2002/Munich  
Cisco CSPFF & CSPFA  
(Cisco Security PIX Firewall  
Advanced)  
PSC1 civil emergency  
prevention

### DUT Networks & Telecoms

IUT at Nice-Sophia-  
Antipolis  
Higher National Diploma  
2000

**Video platform reengineering architect**

Paris - 2014 - 4 years

Lead architect of the new Replay production platform for France Télévisions (all video contents, 18 months project, many experts)

Full conception of the new platform, workflows and technical architecture

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**Hosting specialist - change management**

Paris - 2013 - 6 months



**SOCIÉTÉ GÉNÉRALE**

Took over the activity of the branch Crédit du Nord (integration and maintenance perimeters L2/L3)

Transferred knowledge and documentation

Dispatched skills and methods within multiple teams on Société Générale side

Acquired leadership for ongoing integration projects as well as new topics

Helped takeover for L2 and L3 support teams

Studied convergence of Crédit du Nord and Société Générale solutions, methods and technologies

Successful operations - excellent level of cooperation with legacy teams and new teams; support and project are organised and fully operational

**Consulting architect - network and security**

Réal (France) - 2012 - 3 months



Handled transfer of skills and responsibility for the whole company network bastion, from SNECMA branch team to SAFRAN headquarters

Explored perimeter, methods and potential risks

Reverse engineering and back-documentation of main topics

Internet technologies culture and expertise: email, DNS, network security and web filtering, etc

Consolidation of diverse platforms multi-sites

**Baccalauréat Scientifique**

School diploma

1998

**LANGUAGES**

Mobility France, english-speaking areas, world

French mother tongue

English fluent (TOEIC 920)

Italian basic (father)

**INTERESTS**

RubyOnRails - Développement

RoR, architecture service, méthodes agiles

Scuba diving - N2/CMAS\*\*/PE60

Aviation loisirs - EN/ Brevet de base pilote (BB)

EN/ Brevet de pilote privé en cours (PPL)

Photographie - Studio, tourisme, portrait, éclairage, exploration urbaine

President of LilleSansFil (<2005)

- Free metropolitan wireless network / wifi

Strategy, press and institutions relations

Embedded systems, mesh networking

**Urbanist & architect for the new**

Lille (France) - 2011 - 18 months



Urbanized target video-on-demand platforms for the whole CANAL+ group

- Rationalization of systems and methods for every offer like CanalSat, Canal+, CanalPlay Infinity and replay-tv (encoders, media provisioning, etc)
- Introduced SOA concepts and global workflow functions
- Described and modelled business process for the entire VoD production stack

Defined the target architecture

- Generic webservice interfacing with input functions, transformation and transcoding, media files provisioning to partners.
- Wrote technical specifications basis

Lead the call for bids for the workflow engine function

- RFI and RFP with 12 major media providers, international and national partners (documents mainly written in English).
- Proof-of-concept deployed for best solutions
- Project ran in close cooperation with CTOs and top management

Animated the storage restructuring project within Diffusion branch (&gt; 1 petabyte)

- Made technical recommendations for workspace storage (transcoding), distribution and long-term archives
- Introduced horizontal and vertical scalability aspects

**Internet and se**

Lille (France) - 2010



In charge of technical architecture and evolutions of Customers Internet platforms for Crédit du Nord and 8 branches

- Several firewalls, reverse proxies, load balancers, IPS, Redhat/OpenBSD
- HTTP expertise, caching, filtering, L7 routing through Apache mod\_rewrite
- Load balancing and optimisations
- Brought method and tools for configuration versioning and deployment

Defined hosting architecture for Mobile Internet services (customers of 7 branches/banks)

- Mobile-specific caching, protocols and compression

Revived staging platform to allow better testing and team work (same as production)

Veille technologique et concurrentielle

**Architect onboard service**

Paris - 2009 - 6 months



Defined and built a service platform with internet access, aboard of TGV-Est trains

- Audited and qualified the technical architecture proposed by the consortium: Orange, Cap Gemini, Alstom, Eutelsat.
- Recommended modifications and improvements, worked on the possible commercial offers based on this.
- Participated in the founding of the joint venture between Bolloré-SNCF

Defined technical functional architecture for onboard and ground-train link

Directed development of embedded-specific interfaces

**Audit and content-delivery providers se**

Paris - 2008 - 1 months



Audited coupling between business-critical systems and content-delivery providers

Published optimization recommendations for the hosting architecture, set basis for a tender session

**Information system architect**

Reims (France) - 2008 - 3 months



Set up a system federating data for several hospitals, case study and recommendation of a technical architecture, security expertise, workflow

Project office, call for tender, facilitated developments

**Web and medias strategy consultant**

Paris - 2007 - 6 months



Lead the 2007 coverage of the French presidential election on the web (1 month, extremely intensive)

Animated the dedicated project-oriented team: moderators, translators, 20 international bloggers.

Experimentation of the media convergence (broadcaster, internet and television audience).

Website providing live video streaming, real-time breaking news and campaigners results, internet visitors reactions, 5 webcams in the newsrooms, at the information source.

SMS-number offering interaction to the audience.

Strategic support for the IT department

Strengthened the image of France24 in the world, and on the blogosphere (more than 98'000 visitors for both ballots).

Built the team and the methods around the required technical skills.

Many various projects were started thereafter, within the channel's teams (Cannes Festival, general elections, etc)

Conducted and wrote the call for tender for the new web infrastructure

**Co-founder and CTO of Itool Syst**

Lille (France) - 2001 - 5 years



Itool Systems creates and sells online business solutions for SMC and Professional Accountants

Coordinated development, support, marketing, and partners' activities

Business: web-based accounting software, business-critical tools for our customers

Obtained an Innovation Trophy at the Accountants Annual Congress in 2001.

IntraBlog Award in 2007. Integrated and then absorbed Atomis

Analyzed customers requests, managed development team (5)

Realizations as a team leader: Itool Compta, Itool Facto, Itool Scan, Itool GED, APG Facto, press routing solutions, data-exchange hub with partners

Designed billing infrastructure and online registration processes

Production executive, in charge of quality of services, platform/clusters architect

Activité: progiciels de gestion et comptabilité en ligne. Lancement du portail itool.net (Experts Comptables) et itool.com (marché PME) Trophée de l'innovation au Congrès National des Experts-Comptables (2001). Prix IntraBlog (2007).

Filialisation puis absorption de la société Atomis

**Team leader, development of Itool Compt**

Lille (France) - 2000 - 2 years



Designed an online accounting solution

Built the technical basis of the « itool » line of products.

**PROJECTS**

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**rest-ftp-daemon** - TODO**pushyd** - A great daemon too !

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