👤 CAREER EN

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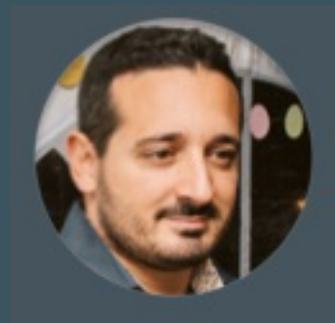
💼 EXPERIENCES

Solutions Architect
Paris - 2017 - -

Platform architect
Paris - 2016 - 11 months

Bruno **Medici**

Freelance
Web architect

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in brunomedici

⊙ bmedici

📍 Paris 13 + Lille Centre

Video platform reengineering architect
Paris - 2014 - 4 years

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

- Full conception of the new platform, workflows and technologies, from scratch
- REST-API architecture based on micro-services orchestrated by an in-house scheduler
- General and detailed technical specifications, API authoring, developers team support and coaching
- Agile (Scrum) organization across every aspect of the project (specifications, development, deployments, partial
- Successful production since Q2 2015, fully operational 300+ programs per day

Creator of the "rest-ftp-daemon" open source micro-service project (see Projects below)

Leader for the re-conception of the central video assets system

- Raising awareness about state-of-the-art: SOA, REST, micro-services
- Project leadership with technical teams and top managers

Strategic collaboration on several projects across the Group

- architecture workframe for Zoom, on-demand recommended contents
- in charge of architecture for the cross-products tagging system
- connected TV services upgrades
- overhaul of the platform for channels and programs websites

Leader of the global messaging system(AMQP) for realtime notifications between

- every platform in the Group (Pluzz, CultureBox, FranceTV Info/Sports/Education...) and commercial partners (Molotov.tv, Orange...)

Hosting specialist - chan
Paris - 2013 - 6 mont

SOCIETE GENERALE

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

> Tansferred 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
Successfull operations - excellent level of cooperation with legacy teams and new teams; support and project ar organised and fully operationnal

Consulting architect - r
Réau (France) - 201

SAFRAN
AEROSPACE · DEFENCE · SECURITY

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

> 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 de diverses plateformes multi-sites

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

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Urbanist & architect for the **CANAL+**

Urbanized target video-on-demand plateforms 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 provisionning to partners.
Wrote technical sepcifications 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 (> 1 petabyte)

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

Internet and security a Crédit du Nord ★
Lille (France) - 201...

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 trhough Apache mod_rewrite
> Load balancing and optimisations
> Brought method and tools for configuration versionning 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 serv SNCF Bolloré
Paris - 2009 - 6 mo...

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.
> Recommanded modifications and improvements, worked on the possible commercial offers based on this.
> Participated in the founding of the joint venture between Bollore-SNCF

Defined technical functionnal architecture for onboard and ground-train link

Directed development of embedded-specific interfaces

Audit and content-delivery provider FRANCE 24 L'ACTUALITÉ INTERNATIONALE 24H/24
Paris - 2008 - 1 months

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

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

Information system architect
Reims (France) - 2008 - 3 m CHU DE REIMS

Set up a system federeating data for several
hospitals, sase study and recommendation of
a technical architecture, security expertise,
workflow
Project office, call for tender, facilitated
developpements

Web and medias strategy consultan FRANCE 24 L'ACTUALITÉ INTERNATIONALE 24H/24
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

Lille (France) - 2001 - 5 years

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

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

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 !