



Sebastien Lambla

Developer, architect, speaker, trainer

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Previous Projects

October 2013 – August 2015 **comparethemarket.com**

Consultant

Training the team and delivered talks on ReST, micro services, SOA, BDD and VeST.

Authentication and profile management

Technical Lead of a team of 6-8 developers responsible for the authentication and profile management. Developed the first iteration of login on the platform.

Platform work

Rebuilt an automatic projection system for the event-sourced system in use at the client (NEventStore). Rebuilt two versions of an asynchronous messaging library on top of rabbitmq and .net async.

Microservice work

Architecture of an AWS-deployed micro service platform for quoting management, using ReSTful micro services backed by mongodb, deployed with packer/terraform/cloud front.

October 2011 – October 2012 **McKinsey Solutions**

Consultant

Training the team in object-oriented design, bdd, test-driven development, etc.

Mapping statistics

The core of the development work involved using analyzed and pre-processed datasets and displaying of this statistical data on world maps, in a Silverlight client

Evolving platform

Planned and developed, in collaboration with on-site developers, of a strategy to migrate the development platform and tooling from Microsoft's Silverlight to HTML5 and nodejs.

iPad development

Part of the HTML5 development work involved supporting some of the existing product lines in a format compatible with mobile devices, with iPad being the first target, while preserving the high level of data protection and security of the existing platform.

August 2010 – September 2011 **Credit Suisse**

Tech Lead / Architect

Training the team in object-oriented design, bdd, test-driven development, etc.

Microraptor project

Creation of a WinForms-based data picker control displaying reference-data to front-office users, to reduce drastically the need for local storage on an existing tool.

- Built on top of OpenSearch and XHTML
- Custom usage of HTTP caching for efficient local lookups

Spider project

- Creation of an xhtml-based and restful reference data site exposing data from other services in the company to the Microraptor control, dynamic format translation and addition of necessary caching instructions.
- Based on OpenRasta 2.1
- Implements OpenSearch 1.1
- Custom http analysis tool to enable diagnostics of caching on the server, intermediaries and client, to help developers make the right caching choices for their resources.

May 2010 – April 2011

Credit Suisse

ADAPT project

Maintenance of existing version of the WPF-based application

- Integration of a purpose-built IoC container
- Built a generalized cache management system
- Profiling and optimization of the application loading time
- Architecture of the next version of the platform
- Architected a new version of the application based on package runtime composition using OpenWrap
- Created an xcopy-friendly message-queue
- Built an ESB on top of the new message-queue, using ReST concepts in a message-based environment
- Built a process isolation system to provide for browser-like experience for running and crash recovery of composite applications
- Moved the team to git
- Mentoring of the team
- Introduction of MEF as our composition tool

Aug. 2009 – Dec. 2009

Reactive Media

Flutr.com site creation

- Based on asp.net MVC
- Integration of OAuth twitter authentication, facebook integration and OpenID login, and various betting site Apis.

January 2009 – May 2009 **Fnz Limited (JPMorgan Assets Management)**

Jpm Asset Management website

Replacing an existing website with a new asp.net MVC-based site.

- development of a claim-based authorization subsystem
- Specified best-practices for use on the project, and extracted a framework for UI rendering, using a Model / PresentationModel couple.
- Development of a validation framework integrating business validation and Castle Validation
- Development of a Linq provider and light ORM on top of a legacy VB.net platform
- Design of the build process, build files and CI integration environment
- Mentoring of the team

Standard Life Turbine project

Developed components for the framework supporting a new ReST architecture.

- Based on WCF REST
- Development of a new way of binding service contracts to resources
- Development of a custom content negotiation layer to support custom media types
- Documentation of part of the ReST API
- Mentoring on ReST architectures to the rest of the team

Trunk version of Castle Windsor, XUnit and Rhinomocks for unit-testing, Visual Studio 2008, .net 3.5 hosted on IIS6.

December 2008 **WildBunch [Fixed price]**
WildBunch web-site redesign

August 2008 – October 2008 **Signature Technologies Ltd.**
Cosmos Game Service
Payments Engine

November 2007 – July 2008 **Akqa Ltd.**
Nike Mercurial / NikeTown Runner / Nike European Championships
Nike 1-1 web site
Sainsbury's ActiveKids 08 registration

August 2007 – November 2007 **BBC Worldwide**
BBC Showcase

29th May – August 2007 **AKQA Ltd. (Nike)**
Work on back-end of web applications used by the Nike+ web site.
Nike+ Addicted
NikeCore and Template generator

Nov 2006 – 13th Apr 2007 **Netstore plc. (National Express)**
National Express Fares Management

May 2006 – 8th Aug 2006 **Beazley Group plc. (Lloyds Syndicate)**
Beazley Data Maintenance web site
Policy Renewals

Jan. 2006 – 24th April 2006 **(private company) [Fixed Price]**

Dec. 2005 – Jan. 2006 **La 23eme [Fixed Price]** **Senior Developer (Contract)**

Aug. 2004 – May 2005 **Morgan Stanley**

Previous experiences available on demand.

Academics

1998 – 2000: French Baccalaureat S (major in Advanced Mathematics, Physics and Biology)
2000 – 2001: Law School in La Sorbonne Paris, France.
2001 – 2002: Law School in La Rochelle, France.