

# Resume - Fabien Molinet

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Fabien Molinet

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## .NET Team leader / Architect

Proficient .NET engineer specialising in C#, software, mobile & web. Naturally curious and ambitious I am focused on delivering clean and high quality solutions. My main technical qualifications are listed below:

- Agile/Scrum methodology
- **Onshore and offshore resources management** (see Hager)
- **Deep knowledge of .NET, application architecture/patterns**
- Mobile development using **Xamarin for iOS and Android**, created FFImageLoading
- Web dev. with **ASP.NET MVC 5, ASP.NET Web API 2**, Entity Framework, **JS/CSS**
- Microsoft SQL Server, TSQL, query optimisation, Oracle, PL/SQL

## Background and Education

- Born 14 June, 1985, and currently living in Selestat, France
- IT work experience since 2005
- Bachelor of Computer Science, University Robert Schuman, France
- Certification Microsoft SQL Server 2005 (70-431)

## Languages

English: Fluent

French: Mother tongue

German: Conversational

## GE Healthcare - Senior software engineer

since July 2016 in Freiburg, Germany

- **Designed & developed core components of Centricity Cardio Workflow (CCW)**. These are heavily tested & used in new features of the upcoming release and will simplify Physician's work (C# 6, .NET 4.6.2, async/await, **WPF**, WCF, Entity framework)
- **Refactored the whole unit test suite** to rely on Moq rather than MsTest. Result: faster builds, simplifies developer work (Moq, NUnit).
- Developed tools on top of Roslyn (meta-programming) and Visual Studio extensions.
- Keep proposing alternative ideas, training people to latest features, and pushing to move on newer stacks.

## Hager - Team leader / Architect

April 2011 - June 2016 in Obernai, France

### Mobile team leader

- **Architecture .NET mobile solutions for Hager Group**: analysis, effort estimation, specifications
- Our solutions can connect to SAP, CRMs, Exchange, Sharepoint, ... Our salesreps and customers have now strong tools in their hands
- **Coordination and management of onshore and offshore resources using SCRUM methodology**
- Industrialize app development and deployment (AirWatch MDM, Continuous integration, Unit tests, UI tests)
- Conception of .NET mobile apps using Xamarin (**C# 5, MVVM**, SQLite, asynchronous programming, iOS, Android)
- Conception of multiple REST backends for our mobile applications (C# 5, **ASP.NET Web Api 2**)
- Automated testing, builds and deployment to internal and external stores (**F#**, FAKE)

## CRM technical leader

- Integration CRM/SAP: multiple data exchanges between the two systems using RFCs and IDocs. Architecture, design and implementation of the solution. Collaboration and coordination of other persons. (SAP .NET connector, **multi-threading, caching, C# 3.5**)
- Data geolocalization to improve Hager commercial presence in many countries (**Google Maps API, tons of Javascript, SQL Server spatial functions, KnockoutJS**)
- Optimization of business tours: suggest optimized business tours to Hager salespersons. Tour preparation 10 times faster. (Google Maps API, C# 3.5, Javascript)
- Analysis, requirements definition and design choices of the new mobile CRM website available on smartphones, PC and tablets (**ASP.NET MVC4, Entity Framework 5, jQuery 2**)
- Leader making architecture & development decisions for the whole team
- Architecture, development & deployment of new key features (C# 3.5, **Linq**, T-SQL).
- Huge TSQL & code performance improvements

## Sungard - Senior software engineer

June 2010 - April 2011 in Christchurch, New Zealand

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- **Proactive, many ideas proposed to improve** Ambit Asset Finance have been implemented
- **Trained development team to advanced source control features** (SVN merging, cherry picking, ...)
- Implementation of customer requests in collaboration with design and QA teams (C# 4, Winform, TSQL, PL-SQL).
- Performance improvements: rewrite of TSQL, PL-SQL and code logic
- UI improvements: automatic exception handling from the business logic to the UI using lambda expressions, reflection and user controls
- **Reworked some parts of the core to use generics, interfaces and co-variance (C# 4)**
- Unit testing using NUnit and Resharper

## T&S - Consultancy

August 2008 - May 2010

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### Analyst in a customer relations context

Credit Mutuel Group, Strasbourg, France

- CTI/Telephony application used by advisers and their supervisors (C# 3.5, COM Interop, multi-threading)
- Development of a proxy supplying statistics to advisers (C# 3.5, multi-threading)
- CRM Pivotal 5.9 expertise (C#): many screens added/modified and computer telephony integration
- Wizard for advisers (ASP.NET, AJAX, JQuery, **Web services, PL/SQL, TOAD**)

### Analyst in a marketing context

Hager, Obernai, France

- Setting up multimarket, key performance indicators, dashboard, sales objectives and system follow-up. (Pivotal CRM 6, Client/Server in C# 3.5, ASP.NET, advanced SQL Server)
- Reports designing and response times optimisation (Reporting Services)
- Applications and web services development

## Project manager

De Dietrich, Zinswiller, France

- Coordination and management of a five persons team
- Project planning and follow-up of the work
- Formed team members to Visual Studio Tools for Office technology (VSTO)

## O.O.P. and .NET trainer

Clestra, Strasbourg, France

- Trained IT team to object oriented programming and to the .NET framework

## Analyst in an industrial context

Capsugel, Colmar, France

- Interaction with factory devices in .NET (serial link and NPort development): industrial scales, spectrographs ...
- Conception, development & migration of .NET applications connected to the ERP (VB.NET, ERP Protean)
- Reporting using Active Report
- Deliverables execution (specification and installation documents)
- Test campaigns executions in order to validate softwares (FDA requirements United States)

## Analyst in an industrial context

Knauf, Wolfganzen, France

- Improved billing process using OCR on PDF bills (OCR, C#, PDFBox)
- Better logging in many applications using new appenders (Log4net, C#)
- Migrate VBA Office documents to Visual Studio Tools for Office (VSTO, C#)

## Bull - Analyst/Integrator for the Council of Europe

August 2007 - August 2008 in Strasbourg, France

- Web application analysis and development (C#, ASP.NET, Javascript, SQL Server)
- Auditing code on behalf of the Council of Europe: competitor applications analysed and tested
- Functional and technical documentation writing, scope estimating, ...
- Integration of .NET, Java & Cocoon apps on multiple systems (Windows, Linux, MSBuild, Ant, Maven)
- Reproduced Council of Europe environment on virtual machines (Active directory, mail server, services, ...) for testing purposes (documentation, batches and TSQL)
- Trained IT Team to source control branching and other source management features (SVN)

## Perinfo - Software engineer

September 2005 - July 2007 in Strasbourg, France

- Evolved the software to a 3/3 architecture (application and presentation server C#, Web services)
- Developed web applications (ASP.NET/C# and Web services): CRM, web terminal for drivers, online order and mission reservation by customers. PDF/CSV generated on the fly using XSL/FO (J2EE servlet), work to improve the performance in the .NET environment

## Hobbies

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I travel as much as possible, visiting other countries, and being outside of comfort zone opens your mind. I also enjoy hiking & camping in wild places, rollerblading, running and biking.

## OpenSource

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I like spending time on OpenSource, some of my contributions are on github:

[FFImageLoading](#): popular Xamarin library to load images quickly & easily (> 543 stars on GitHub/156 forks)

[KickMsTest](#) & [Sig2Moq](#): Roslyn based tools allowing to embrace Moq (mocking framework)

[ManageSleep](#): manage device sleep for all platforms targeted by Xamarin