

# Damien Beaufils

## Senior Consultant & Software Crafter

Clermont, Québec CA

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[in damienbeaufils](#) [d damienbeaufils](#) [d damienbeaufils](#)



With more than 16 years of experience in software development, I have spent more than half of my career as an IT consultant in companies of different industries (banking, insurance, energy, utilities, media, sports...) and different sizes (from small companies to multinationals). I live in Quebec, and I speak English and French.

I am a full stack developer since the beginning of my career, and I have a major historical expertise in Java / Spring backend, framework for which I am certified (Spring Professional in 2020).

I was a consultant for almost 10 years, and in my last experience before my entrepreneurial leap, I was CTO of an IT consulting company for more than 3 years, in parallel to my role as a software developer and senior consultant.

Designing quality software is my passion, and I like to be proud of the work done. In addition to my mandates, I spend a lot of time constantly training myself to stay on top of the latest technology, in order to be able to provide the best solutions to your various challenges.

I am an expert in the quality of development practices, also called Software Craftsmanship practices (practices such as Clean Code, Refactoring, Test Driven Development...) and I am certified on several technologies as well as on the eco-design of digital services (GreenIT).

I also had the opportunity to be a speaker in famous technical conferences such as Devox in France or Web À Québec. I like to develop scalable and maintainable software in a team, and to share this know-how with others. I like to work with inclusive and caring teams, who also practice these software development techniques, or who wish to progress on them.

### SKILLS

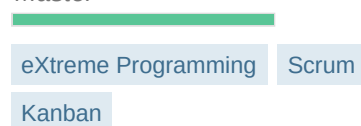
#### Software Craftsmanship

Master



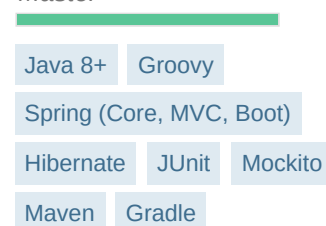
#### Agile

Master



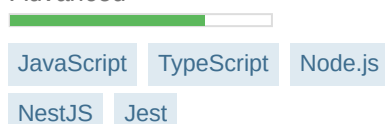
#### Java/JVM

Master



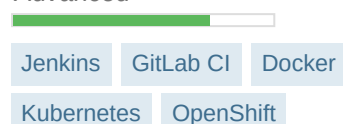
#### JavaScript backend

Advanced



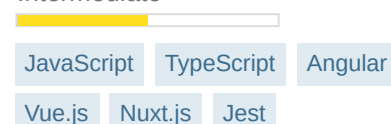
#### DevOps

Advanced



#### JavaScript frontend

Intermediate



#### IDE & OS

Master



## WORK EXPERIENCE (26)

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Apr 2023 - Current

**Senior Software Developer** at Decathlon

📍 **Clermont, QC, Canada**

Java Spring Boot Hibernate Liquibase JUnit Mockito Cucumber Maven GCP Kubernetes Legacy code  
Refactoring PostgreSQL Git GitHub Actions IntelliJ IDEA DataGrip macOS

Corrective and evolutionary maintenance of several backend and frontend applications used internally to manage product defects, blockings and quality corrective actions.

- Team of 4 developers
- Agile development (Scrumban)
- Bug fixing and feature development on Angular frontends and Java Spring Boot backends
- Legacy code refactoring
- On-premise environments to GCP cloud migration
- Java 8 to 21 migration
- Major Spring Boot technical migration
- Technical debt monitoring and management
- Production monitoring

May 2023 - Jun 2023

**CTO & Software Craftmanship coach** at Skales

📍 **Clermont, QC, Canada**

Coaching Architecture CI/CD Testing

Coaching a team of developers and the CEO of a startup.

- Technical architecture analysis and recommendations
- Analysis and recommendations on the process of task analysis, breakdown and prioritization
- Support in defining a short- and medium-term CI/CD strategy
- Coaching on implementing agile practices
- Coaching on automated testing practices

Feb 2023 - Mar 2023

**Java and Spring Boot expert** at Maya-Systems

📍 **Clermont, QC, Canada**

Audit Java Spring Maven Legacy code GitHub Actions IntelliJ IDEA Windows Linux SQL Server

Technical migration of several legacy applications to Spring Boot.

- Execution of an audit and production of a slide report containing all the prioritized observations and recommendations, and presentation to the partners
- Implementation of Maven to manage dependencies and build
- Technical upgrade of 3 applications, one of which is over 10 years old, to Spring Boot
- Code vulnerabilities and flaws fixes
- Defect fixes and implementation of missing features

- Steering and managing the roadmap, with weekly reports to the partners

Jan 2023 - Current

**Freelance Senior Consultant** at Conseil Logiciel & Web (CLWeb) Charlevoix

📍 **Clermont, QC, Canada**

Execution of software and web development mandates, consulting mandates, training mandates and CTO-as-a-Service mandates.

Sep 2022 - Oct 2022

**Architecture and technical framing consultant** at KPI Digital

📍 **Montréal, QC, Canada**

Technical framing   Architecture   Frontend

Conducted a technical framing of a frontend application for a strategic project.

- Design and conduct workshops to collect and aggregate data on the existing technical architecture, on the overall information system, and on the delivery process
- Provide recommendations on tools, technologies, frameworks, architecture, automation, quality practices (including testing) and security practices
- Technical framing performed in parallel with functional, product and UX/UI framing
- Creation of a report in the form of slides containing all the observations and recommendations, and presentation to the CEO and all the stakeholders

Apr 2022 - Jul 2022

**CTO coach** at Arthur Intelligence

📍 **Montréal, QC, Canada**

Coaching   Architecture   CI/CD   Testing

Accompaniment and coaching of a startup's CTO.

- IS and technical architecture review with the CTO
- Code review on critical application modules
- Audit of the production process (analysis, development, quality tests, deployment) and formulation of recommendations
- Making recommendations on hiring staff or service providers

Jan 2022 - Apr 2022

**Craft Auditor** at BNP Paribas

📍 **Montréal, QC, Canada**

Audit   Architecture   CI/CD   Testing   Code quality   Legacy code

Conducted a technical audit on the development quality practices of 4 teams spread across India and North America.

- Technical audit carried out through interviews with key members in each team, and by conducting a survey analyzing the maturity of each team through 5 main areas: Testing strategy and practices, Collective code ownership, Code quality & Technical debt management, Architecture and design practices, DevOps practices
- Analysis of results and formulation of recommendations based on DORA Accelerate practices
- Automated generation of Excel reports incorporating metrics and graphs, based on survey results, to easily observe the trend between two measurement points
- Technical audit performed in parallel with other audits on agile and product practices, as part of an overall agile transformation process

May 2020 - Aug 2021

**Senior Software Developer & Software Craftmanship Coach** at Intact Insurance

📍 **Montréal, QC, Canada**

Java 11 Spring Boot Angular 11 TypeScript JUnit Mockito Maven Jenkins Git OpenShift Gosu IntelliJ IDEA  
Windows

Realization of a frontend + backend web application allowing to analyze the market value of a vehicle in case of total loss. The market value is determined by the user via an automated search and selection of similar vehicles displayed on platforms such as Kijiji or Autotrader.

- Team of 5 developers
- Development of features in a 2-week iterative cycle
- Training and coaching of the development team in quality practices such as Clean Code, Test Driven Development, Refactoring of legacy code and Peer Programming
- Training and support for the development team on Java, Spring Boot and TypeScript
- Biweekly Code Kata animation
- Technical debt monitoring and management
- Production monitoring

Feb 2020 - May 2020

**Craft Auditor** at Lightspeed HQ

📍 **Montréal, QC, Canada**

Audit Architecture CI/CD Testing Code quality Legacy code

Conducted a technical audit on the development quality practices of more than 12 teams across Canada and Europe.

- Technical audit carried out through interviews with key members of each team, and through a survey sent to more than 200 people analyzing the maturity of each team through 5 main axes: Testing strategy and practices, Collective code ownership, Code quality & Technical debt management, Architecture and design practices and CI/CD practices
- Technical audit performed in parallel with other audits on agile and product practices, as part of an overall agile transformation process
- Presentation of the audit to the Chief Product Officer, the VP of Product Management and to the managers of each audited team

Sep 2019 - Feb 2020

**Tech Lead** at Genium360

📍 **Montréal, QC, Canada**

TypeScript Nuxt.js NestJS Server Side Rendering (SSR) Jest Git Gitlab CI Clever Cloud PostgreSQL WebStorm  
Linux

Development of an MVP for a new career platform specialized in the publication and search of job offers for engineers from Quebec, with the following goals: :

- for companies recruiting engineers from Quebec: to put job offers online and to do employer branding in order to have a more efficient recruitment,
- for engineers who are members of the Ordre des Ingénieurs du Québec: to apply for these jobs and also to have automated recommendations based on their profile and resume,
- for Genium360: to provide headhunting services for companies that do not have enough time or technical/HR capacity.
- Conducting the technical framing

- Design and implementation of the technical architecture
- Development of features in a 2-week iterative cycle
- Implementation of continuous integration and deployment
- Software Craftmanship practices applied from day one (TDD, Clean Code, Code Review, Pair-programming, Clean Architecture)

Mar 2019 - Aug 2019

**Senior Software Developer & Software Craftmanship Coach** at Intact Insurance

📍 **Montréal, QC, Canada**

Java 8 Spring Boot Hibernate Liquibase JUnit Mockito Maven Jenkins Git OpenShift IBM MQ Gosu  
SQL Server IntelliJ IDEA Windows

Web services platform allowing to declare a car claim by web or mobile application.

- 24/7 architecture to abstract from the technical and functional complexity of the legacy claims management system
- Architecture designed for a peak of 13,000 claims in 6 hours in the event of an environmental disaster
- Team of 6 developers
- Development of features in a 2-week iterative cycle
- Training and coaching of the development team in quality practices such as Clean Code, Test Driven Development, Refactoring of legacy code and Pair-programming
- Training and coaching of the development team on Java and Spring Boot
- Technical debt monitoring and management
- Production monitoring

Nov 2018 - Feb 2019

**Senior Software Developer** at Agence Tink

📍 **Montréal, QC, Canada**

Java 8 Spring Boot Spring Batch Hibernate Liquibase JUnit Mockito Maven JavaScript Jenkins Git  
SQL Server IntelliJ IDEA Windows

Work on the Foodbasics and Super-C mobile applications, the Metro.ca website and the Monetico.ca website.

- Backend technical migration
- Design and development of an import module and new APIs for the management of mass coupons on cell phones
- Design and development of loyalty card generation for existing and future customers
- Refactoring of legacy code and implementation of automated tests on existing critical features
- Corrective and evolutionary maintenance of the website
- Participation in the development of the bookmark management feature
- Application profiling to determine and correct excessive resource consumption
- Technical migration of a technical module from SOAP to REST

Nov 2018 - Dec 2022

**CTO & Senior Consultant** at Zenika Canada

📍 **Montréal, QC, Canada**

CTO of Zenika's Canadian branch, and senior consultant for delivery, training and consulting mandates. Main mandates listed above, completed between November 2018 and December 2022, alongside my role as CTO.

My mission as CTO:

- Collaboration with sales department: help to answer requests for proposal, meet clients, be the ambassador of Zenika's technical expertise to our clients
- Collaboration with HR/Recruitment department: assist with hiring, conduct technical interviews
- Agency steering: define and monitor the CTO budget per year, participate in decision making
- Career coach for the agency's consultants: follow their evolution and help them in their progression, accompany the most junior consultants in an extended way, assist them in passing a certification or a training
- External visibility (meetups, conferences)

Sep 2017 - Sep 2018

**Tech Lead** at Internationaux de France de Tennis - Roland-Garros

📍 Paris, France

Java 8 Spring Boot 2 Hibernate Liquibase JUnit Mockito Gradle JavaScript Nuxt.js Jest  
Server Side Rendering (SSR) Jenkins Git Docker OpenShift MySQL Prismic.io IntelliJ IDEA Linux

Site providing information about the French Open Grand Slam tournament, players, matches, tables and statistics. Display of the live score for all the matches in progress during the tournament. Site with high availability and performance issues in an event context.

- 35 million unique visitors during the 3 weeks of the 2018 tournament (approximately 4 billion cumulative queries)
- Peak of 300 000 simultaneous visitors on the site (with a maximum of 5500 requests per second)
- Use of a Headless CMS (Prismic.io)
- Agile development (Scrum & Kanban)
- Team of 4 developers
- Conducting the technical framing
- Development of features in a 2-week iterative cycle
- Coaching and support of the development team
- Responsible for the technical quality of the product and the maintainability of the code towards the customer
- Software Craftsmanship practices applied from day one (TDD, Clean Code, Code Review, Pair-programming, Mob-programming, Clean Architecture)
- Production and incident monitoring during the tournament

Jun 2017 - Sep 2017

**Craft Auditor** at EDF

📍 Paris, France

Audit Architecture Code quality

Conducting an architecture and software quality audit

- Architecture and quality audit of a product delivered by a third-party company
- Technical architecture analysis and proposal of recommendations
- Software quality audit through interviews and static code analysis
- Produce a report detailing observations and recommendations prioritized according to importance, urgency and cost
- Presentation of the findings to the BU's director and managers

Apr 2017 - Jun 2017

**Tech Lead** at Oodrive

📍 Paris, France

Java 8 Spring Boot Hibernate Liquibase JUnit Mockito Gradle TypeScript Angular 4 Jasmine Git GitLab CI  
Heroku IntelliJ IDEA Linux

Web application allowing CAC 40 companies to keep insider lists. Complies with the European Market Abuse Regulation (MAR). Data export possible for auditing by the Autorité des Marchés Financiers (AMF).

- Encryption of sensitive data
- Agile development (Scrum & Kanban)
- Team of 3 developers
- Conducting the technical framing
- Development of features in a 2-week iterative cycle
- Coaching and training of juniors

Feb 2016 - Feb 2017

**Tech Lead** at Direction de l'Information Légale et Administrative française

📍 Paris, France

Java 8 Spring (Core, MVC, Data JPA, Security) Hibernate Liquibase JUnit Mockito Maven JavaScript Jasmine Git  
Jenkins LXC Tomcat Ansible PostgreSQL HSM cryptographic box IntelliJ IDEA Linux

Official website of the French administration. Consultation of information sheets intended for French citizens. Realization of online procedures (change of address, creation of association, registration on the electoral lists....).

- High stakes for personal data security
- High availability stakes in the context of the French presidential elections in 2017
- Average of 50,000 online submissions per day (peaking at 75 submissions per minute) in the days leading up to the close of voter registration
- Agile development (Scrum & Kanban)
- Team of 11 developers
- Development of features in a 2-week iterative cycle
- Coaching and training of the team in practices such as TDD, Clean Code, code review, peer-programming, mob-programming
- Technical debt monitoring and management
- Software quality progress indicators monitoring
- Mentoring of team members via bi-weekly one-on-ones
- Training of an internal Tech Lead

Jun 2015 - Feb 2016

**Senior Software Developer** at Internationaux de France de Tennis - Roland-Garros

📍 Paris, France

Java 8 Play Framework Hibernate Liquibase Apache CXF JUnit Mockito Sbt JavaScript Backbone Jasmine  
Git Jenkins Docker MySQL Prismic.io IntelliJ IDEA Linux

Online ticketing sales front-end for the French Open Grand Slam tournament. Website with information about the tournament, seats, courts, offers and prices. Sales tunnel for the purchase of tickets. After-sales service, printing of tickets in PDF, online resale.

- Strong performance and availability issues during the sales opening period
- Peak of 100 orders per minute during the opening of sales to the general public
- Use of a Headless CMS (Prismic.io)
- Agile development (Scrum & Kanban)
- Team of 5 developers
- Development of features in a 2-week iterative cycle
- Coaching of the development team on Software Craftmanship practices
- Development of several Single Page Applications (SPA), including the sales tunnel, with Backbone
- Development of specific connectors with Play Framework Java to interface with historical systems (in SOAP)

Feb 2015 - Sep 2015

**Software Craftmanship trainer and coach** at AXA Assurances

📍 Paris, France

Coaching Training Software Craftmanship Test Driven Development (TDD)

Coaching of software development teams

- Coaching of the Software Craftmanship internal community of practice facilitator
- Coaching of Tech Leads in the implementation and dissemination of practices in their teams (TDD, BDD, Clean Code, code review, refactoring of legacy code)
- Conducting training on Test Driven Development (TDD)

Sep 2014 - Sep 2016

**Teacher** at École d'ingénieur en informatique EPITA

📍 Paris, France

Teaching Agile Scrum Kanban

Introduction classes to Scrum and Kanban agile methods for students in their 2nd year of engineering studies (equivalent to 1st year of Master's degree)

Jun 2013 - Mar 2015

**Software developer** at Canal+ International

📍 Paris, France

Java 7 Groovy Grails Spring (Core, MVC, Batch, Integration) Hibernate JUnit Mockito Maven FitNesse Git  
Jenkins Tomcat MySQL IntelliJ IDEA Linux

Management of the broadcasting of Live TV, VoD and satellite content internationally.

- 25 applications for 800,000 lines of code
- Agile development (Scrum & Kanban)
- Maintenance in operational condition of the IS
- Feature development in a 2-week iterative cycle
- Management of the virtualized test environment



- Management of continuous integration and delivery processes
- Technical debt management

Jun 2013 - Oct 2018

**Senior Consultant** at OCTO Technology

📍 **Paris, France**

Main mandates listed above, completed between June 2013 and September 2018. Co-leader and member of the Software Craftsmanship tribe

Jan 2011 - May 2013

**Software developer** at Agence Backelite

📍 **Paris, France**

Technical leader on Java and HTML5/JavaScript/CSS3 technologies. Development of websites and mobile web applications for: Groupama Assurances, Bank Crédit Agricole, Cell phone operator SFR (Bell equivalent), Voyages-SNCF and TGV-Europe (VIA Rail equivalent), Cetelem Assurances, Pôle-Emploi.

Technical environment: Java 7, Spring (Core, MVC), Hibernate, Apache CXF, Stripes, Tiles, Maven, Jenkins, JavaScript, Sencha Touch, jQuery Mobile, Tomcat, Jetty, MySQL, Eclipse STS, Linux

Apr 2010 - Dec 2010

**Software developer** at Institut d'Astrophysique Spatiale - CNRS

📍 **Paris, France**

Maintenance and evolution of the CoRoT satellite spatial data management and access system. Development of RESTful web services dedicated to scientific data sharing between research laboratories.

Technical environment: Java 6, Restlet, Spring Core, SITools, FITS, Tomcat, MySQL, Eclipse STS, Linux

Nov 2008 - Mar 2010

**Teacher** at Université Paris-Sud 11

📍 **Paris, France**

Development courses in C++ and Java for students in Computer Science License (equivalent to specialized Baccalaureate)

Sep 2006 - Sep 2008

**Software developer** at Banque privée Crédit Agricole

📍 **Paris, France**

Development of internal software for the Human Resources department and for the calculation of the Net Banking Income (NBI). Administration and maintenance of the purchasing system for IT services and the intranet site for managing telecom invoices.

Technical environment: C#, VB.Net, PHP, MySQL, Visual Studio, Windows

## **VOLUNTEER**

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Jan 2014 - Jan 2015

**Software developer** at Espace Public Numérique du Centre Social Relais 59

Development of a web application "Pointing Device". Allows to clock the users of computers available in free access and to manage the registration of new users.

Apr 2020 - Apr 2022

**Développeur** at Boulangerie Le Panivore

Development of an online ordering website and a backoffice for order tracking, stock calculation and availability

## **EDUCATION (3)**

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2008 - 2010

**Master of Science Computer Science and Information Technology** at SUPINFO

2007 - 2008

2005 - 2007

Bachelor Software Engineering at Institut Universitaire de Technologie (I.U.T.) d'Orsay

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## CERTIFICATES

2021-12-09

### Certified Kubernetes Application Developer (CKAD)

The Linux Foundation

🔗 <https://www.credly.com/badges/e56be718-cffb-4bf6-b697-6b719f1ceef5>

2021-11-19

### Écoconception de service numérique

GreenIT.fr

2020-11-16

### Spring Professional

VMware

🔗 <https://www.credly.com/badges/7f8bb0fe-151b-4d33-adcb-d6450b5b4b0e>

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## PUBLICATIONS

22 May 2022

### La couverture de code, un indicateur melon d'eau ? in Web À Québec 2022

Un melon d'eau, c'est vert à l'extérieur et rouge à l'intérieur. La couverture de code par les tests, ça peut être la même chose : on a un beau score élevé de couverture, mais on a toujours des défauts déployés régulièrement en production malgré tout. En bref, un faux sentiment de sécurité de l'extérieur, et quand on creuse, on a à l'intérieur des tests automatisés qui ne vérifient pas assez de choses concrètement.

Dans cette conférence, je vous expliquerai en quoi la couverture de code est un indicateur de non-qualité et que des outils comme les tests de mutation peuvent mesurer l'efficacité réelle des tests, afin de produire une métrique fiable sur la qualité et la pertinence de vos tests automatisés.

13 Nov 2018

### To DRY or not to DRY? in Fluent C++

A blog post about DRY (Don't Repeat Yourself) principle and when not to apply it.

23 Feb 2018

### Guide anti-frustration pour navigation en projet trouble in Touraine Tech 2018

Bien souvent, des projets démarrent dans le brouillard et le chaos. Qu'ils soient en agile ou non.

Et bien trop souvent, une purée de pois vous accompagne tout le long du projet et vous emmène droit dans le mur, sans que vous le sachiez. Les victimes : vous, et votre client.

Dans ce retour d'expérience, nous vous partagerons comment allumer des feux anti-brouillards. Concrètement, des pratiques facilement actionnables pour vous, votre équipe et votre client, afin d'améliorer les conditions de réalisation et de pilotage de vos futurs projets.

Nous évoquerons des sujets tels que le mob programming, les tracer bullet ou la rétrospective technique, qui vous permettront de transformer ce mur en petits obstacles franchissables.

1 Jan 2018

### Café Craft podcast #15 : Renverser la pyramide des tests ! in Thomas Wickham

« Tests unitaires, tests d'intégration, tests fonctionnels. Tous sont utiles, mais chacun a un usage... Comment assurer une répartition optimale de chaque "couche" de tests ? Sur quelles bases ? Damien Beaufiles nous explique tout. »

21 Nov 2017

Parole d'expert : Le rôle de Tech lead selon Damien Beaufiles in OpenClassrooms

« Pour la sortie de notre Parcours Tech lead, nous avons rencontré Damien Beaufile, développeur et consultant chez OCTO Technology. Damien occupe aussi notamment le rôle de Tech lead sur des projets de développement.

Nous avons posé à Damien des questions pour vous aider à mieux voir ce qu'est, en pratique, le rôle de Tech lead : comment on s'y forme, quels en sont ses avantages et inconvénients, ses missions principales et ses responsabilités. »

7 Apr 2017

**Comment être Tech Lead dans une pizza team XXL sans finir sous l'eau ?** in Devovx France 2017

Être Tech Lead, c'est être au service de l'équipe en étant à la fois formateur, facilitateur, expert et coach. Mais quand l'équipe projet est composée de plus de 15 personnes, dont 10 développeur·euse·s, comment remplir ce rôle tout en continuant à prendre le temps de développer avec l'équipe, et ce sans finir sous l'eau ?

Dans cette conférence, je vous partagerai un retour d'expérience d'1 an dans le rôle du Tech Lead d'une équipe de développement travaillant sur un site web grand public. Cette équipe de 10 développeur·euse·s était mixte à plusieurs titres : multi-compétences, homme/femme mais également client/prestataire.

Après une présentation générale des différentes facettes du Tech Lead, je vous détaillerai les pratiques et mesures qui ont été mises en place pour améliorer la propriété collective du code et la qualité du produit au quotidien. Je vous partagerai également les succès qui ont favorisés l'apprentissage, la progression et l'autonomie de l'équipe (sans avoir à être un super-héros ou un dictateur), mais aussi les problèmes rencontrés et ce qui a moins bien fonctionné.

13 Dec 2016

**Petit-déjeuner « Secteur public : REX du site service-public.fr »** in OCTO Technology

Depuis 2015, la DILA accompagnée par OCTO Technology, s'est lancée dans la refonte du site officiel de l'administration française, le portail unique de renseignement administratif et d'accès aux services en ligne. Ce projet s'inscrit dans un programme global de simplification de l'offre d'information administrative et de développement de nouveaux services de relation à l'utilisateur.

9 mois plus tard, Service-Public.fr est entièrement neuf et reste le site majeur de l'administration. Depuis, il intègre en continu de nouveaux services de qualité au rythme des mises en production toutes les 2 semaines.

À l'occasion de ce petit-déjeuner, les actrices et les acteurs du projet service-public.fr (DILA et OCTO) vous proposent un retour d'expérience très concret sur 6 points clés :

- Le pilotage d'un projet agile à travers les différentes phases du projet.  
Présenté par Frédéric Burel & Maxence Modelin
- Les usagers au coeur de la conception de service-public.fr.  
Présenté par Flavien Testevuide & Géraldine Da Sylva
- Animer une large équipe fonctionnelle dans un projet agile.  
Présenté par Katia Sonntag & Nicolas Fournier
- Les pratiques au quotidien pour assurer la propriété collective du code applicatif ainsi que la qualité du produit.  
Présenté par Stéphane Colle & Damien Beaufile
- Principes clés DevOps à mettre en place pour déployer sereinement en production toutes les 2 semaines.  
Présenté par Alexandre Otparlic & Tanguy Patte
- Intégrer nativement les normes d'accessibilité dans le processus de construction du produit.  
Présenté par Anne Cavalier & Adrien Saunier

30 Sep 2016

**Développement artisanal d'un logiciel en 20 itérations** in Paris Web 2016

Retour d'expérience d'un projet de refonte d'une billetterie en ligne sur dix mois.

L'enjeu attendu était les performances du back-end pour tenir la charge lors de l'ouverture des ventes.

L'enjeu réel a été de maintenir la base de code aussi bien back-end que front-end au fil des itérations.

Une équipe composée d'un Tech Lead et de quatre développeurs a réussi à livrer un produit maintenable en plus d'être bien conçu.

Après une brève présentation de l'architecture et des technologies utilisées, nous vous présenterons la méthodologie mise en place de l'itération 0 à l'itération 20. Nous vous expliquerons en quoi Software Craftsmanship est une extension naturelle des méthodologies agiles, et ce que les pratiques ont apporté à l'équipe de développement, au métier et à la DSI.

7 Jun 2016

## Developer's Journey podcast #16 in Timothée Bourguignon

« In this episode, I talked to Damien Beaufils, a french software craftsman working in Paris. Damien shared the experience he made on his current project ; how he helped his team focus on quality to improve the whole software. We talked about the different kind of tests, the test pyramid and Damien even shared a very good recipe on how to improve test quality in a legacy or project lacking tests. »

1 Jun 2011

## Web Services for IAS CoRoT archives in Institut d'Astrophysique Spatiale, for the 2nd CoRoT Symposium

IAS is the official archive repository for the CoRoT mission data. In addition of data archiving in a secure way, IAS proposes several interfaces corresponding to different level of data and different kind of users. We present here the recent changes made aiming at improving our interfaces with real added-value services related to the available data. In particular, we provide a set of web services which permit to give access to additional informations on a given target such as online lightcurve plotting or periodogram computing and plotting. In addition, future developments are outlined.

## LANGUAGES

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### French

*Native language*

### English

*Full professional capability*

## REFERENCES

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“ It has been a pleasure to work with Damien at Zenika! Damien has several qualities: -a strong technical expertise in programming and software craftsmanship -a great capacity of analysis and brainstorming, especially on process improvements -a talent for public speaking, especially during conferences Thanks to this, he has perfectly fulfilled his role as CTO and has participated in the success of the agency. I highly recommend him and I have no doubt that he will bring a lot to his future clients! ”

### David Way

“ I had the privilege of working with Damien for 4 years in the development of the Zenika Montreal agency. Damien's arrival as CTO was a "game changer" in the management team. Calm and organized by nature, Damien has that quiet strength and the right word in any situation that allows to have not only the right global picture but also the ability to find appropriate solutions no matter what the needs are. ”

### Micheline St-Jean

“ We worked together with Damien on the overhaul of the ticketing system and the official website of Roland Garros. During these two years of collaboration on the architecture and development phases, I had the pleasure of working with a colleague who was committed to building quality solutions, particularly through Software Craftsman practices. Damien is also an expert in the tools he uses on a daily basis and knows how to take on the unknown with confidence and wisdom. At the same time, he is not a hero you have to depend on, as he is a born leader who loves to share everything he knows and will have the patience and listening skills to guide the whole team. He taught me TDD, which I used to find counter-intuitive; today I would not do it any other way. His kindness and assertiveness allow him to convey the strongest messages to all audiences and to create a space where everyone can express themselves and contribute. ”

### Julien Tellier

“ I had the opportunity to work with Damien for 8 months (from May to December 2016) on the Service-Public.fr project. Damien was the TechLead of the development team composed of Octos and internal developers at DILA (a team of about ten people) of which I was part. What I particularly liked about Damien : His attitude as a TechLead His exemplary way of leading a rather heterogeneous team and getting the best out of it His inspiration that allows us all to progress His advice, relevant feedback and encouragement His explanations on the project architecture, on the project and on the Java environment His involvement in the project His contribution to the TechLead role, through the O3 projects His good mood ”

### Pierre Trollé