

PATRICK DURA

SOFTWARE ENGINEER

GET IN TOUCH:



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+ PROFILE

Software engineer with broad technical skill set. Specialized in object-oriented approaches, I have a background in full life-cycle of software development processes including requirements gathering, software design, coding, testing, debugging and maintenance. I thrive in environments that constantly embrace new technologies.

I am passionate about what I do and always give 110%. When I undertake a project or a task, I don't just complete it, I go the extra mile and make it better than requested.

+ TECHNICAL SKILLS

Languages

	average	good	skilled
Java			
C#			
PHP			
Ruby			

Databases

	average	good	skilled
PL/SQL			
Oracle			
MySQL			

Front end

	average	good	skilled
HTML			
CSS			
Javascript			

Methodologies

	average	good	skilled
Design Patterns			
OOP			
UML			

Mobile

	average	good	skilled
SDK Android			
Titanium			

Usefull

	average	good	skilled
Svn			
Git			
Debian			
Apache			
Amazon EC2			

OS : Windows, Mac, **Tools :** Eclipse, Visual Studio 2008, Sublime Text 2, **Other :** Adobe Collection, Microsoft Office

+ PROFESSIONAL HISTORY

2010 - 2012 CAPGEMINI FINANCIAL SERVICES - Software Engineer

Crédit Agricole Insurance - C#, Spring, Javascript, CSS, IIS, Oracle

Redesign workstations for Credit Agricole insurance. Integration of a web-based CRM solution for 400 users.

- Created from scratch a C# batch, in charge of asynchronous exchange with an AS400. As the backbone of the migration from the old system, made optimisation of the code in order to integrate hundreds of thousands of lines in a short amount of time.
- Provided leadership and mentoring to young engineers for parts of the web-based multimillion dollar CRM.

Banque de France - Java, Spring, Hibernate, SOAP, Javascript, CSS, IIS, Oracle

Member of team responsible for developing new critical web application in charge of cash orders and remittances for all french banks.

- Feature development and debugging highly secured platform including SOAP services and IHM.
- Qualification script writing and creation of associated data sets.
- Execution of tests with the Banque de France project owner team. High client satisfaction.

2010



ICAM Nantes

Via Energica - Designing an exchange platform



As part of a final project study, requirements gathering, key suggestions for the business model and implementation of a Proof of Concept

- Analysis of customer needs.
- Writing a state of the art document about exchange platform concept and technologies.
- Writing detailed technical specifications of the Via Energica exchange platform and interfaces.

+ PROFESSIONAL HISTORY CONTINUED

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2010 **SNCF - Design and Integration of an Electronic Document Management**
 As part of a final project study, design and integration of an Electronic Document Management for the regional train renovation. These renovations were carried out at two French sites.
 - Modification of existing specifications corresponding to changing client needs.
 - Developed UI and back-end application using VB.Net, ASP and PL/SQL. Used AGILE methods.
 - Delivery of the application and integration in the production environment.
 - High client satisfaction.
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2009 **LOGICA**
Maintenance of LU France EAM and CMMS
 As part of my final year in engineering school, primary contact for 400 users across nine plants.
 - Ensure the proper functioning of the application scope
 - Capitalizing knowledge of problem resolution

+ ENRICHING PERSONAL PROJECTS


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2010 - 2012 **STRATELIO - Co-Founder - CTO**
PHP, Smarty, Javascript (Mootools, RaphaelJS), MySQL
State of the art analytical tool to profile personalities.
 - Logo creation and requirements gathering. Algorithm definition and implementation.
 - Design and coding secure web platform. This platform enable users to send tests to clients, and automatically compute results into interactive graphics in the browser using RaphaelJS.
 - Converting results graphs into PDF for final client restitution.
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2011 - 2012 **PARKING NANTES - Founder**
Made the first app based on Nantes open data. *Ruby on Rails, Titanium, MySQL*
 This app allow you to know in real time available car spaces around you.
 - Designed, implemented and launched parking-nantes.com. Thousands of visitors each month.
 - After the success of the website, implementation of an iPhone / iPad and Android App.
 - TV, Radio, Newspaper, Blog Interview.

+ ACCOMPLISHMENTS

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Fluent English
English : Fluent (9 years of study). First Certificate Of Cambridge in June 2006. ToEIC : 915
French : Mother tongue.
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The taste of teamwork : Organizational skills, rigor and management details
President of Robotlcam Nantes in 2009.
 Management of a 15 person team. Design of a robot to attend the French Robotic Cup 2009. Human and technical problems management. Result : 30th on 187 participants

President of Yeurmender in 2007,
 a humanitarian association for Senegal. Managed a 7 student team and raised 13,000\$ to finance the purchase of a tractor. Traveled to Senegal for a month to implement this project.
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World citizen
 Numerous and frequent trips to Europe and North America.
 4 month trip in Australia.

+ EDUCATION

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2010 - Graduated by a French Graduate School of Engineering (ICAM)
A five-year engineering degree (master degree) including the following subjects:
 Applied Maths and Physics, Construction, Manufacturing Technologies, Fluid Mechanics, Computer Sciences, Automation, Materials, Management, Foreign Languages and Humanities.