

Sylvain MATHIEU

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French



Web developer (back-end & front-end)

Advanced skills in: *Java, PHP, RDBMS, JavaScript, HTML5 and CSS3*

I'm used to work with...

Languages

JavaScript
Java
PHP
SQL
C++
C, Ruby, Python, Scala

Frameworks and libraries

Play! framework
JPA/Hibernate
Doctrine 2
CodeIgniter
Lucene

Deployments

PostgreSQL
MySQL
Debian Linux
Chef
Apache

RIA with Javascript

jQuery
HTML/CSS
HTML5/CSS3
Accessibility

Test-Driven Development

JUnit
Selenium

VCS/DVCS

Git
Bazaar
SVN

Professional experiences

From December 2010

Five Cool consulting - a young startup that provide an IPTV platform in white label for broadcasters.

Software engineer - *JavaScript, HTML5, CSS3, PHP, Doctrine 2, Java, Play! framework, Chef, etc.*

- Lead developer on the main product of the company: A tool to manage Live and VOD streams: Reporting, CMS, Monetization, Servers and streams management.
- Development of the transcoding pipelines software for VOD in Java.
- Project manager, lead developer for some client projects.
- Manage the deployment and release cycles of multiple StreamHub installations using Chef and Git.

October 2010

LBi - contract

Front-end developer - *JavaScript, HTML, CSS, .Net*

- Re-skin of the existing customer online service of a telecommunication company.

September 2010

IceScreen - contract

Developer - *HTML5, WebGL, JavaScript, Unity3D*

- Development of a software demo with a 3d interface.
- Technology: WebGL and then in Unity3D for performance issues at the time.

January 2008 to August 2010

Zenexity - permanent

Web developer - *Java, Play! framework, JPA/Hibernate, TDD, Grails, Spring, JavaScript, HTML5/CSS3, etc.*

Collaborative tool suite - Agenda, Documents, Tasks and Contacts - 1-year project

Lead developer - *Java, Play! framework, JPA/Hibernate, MySQL, TDD, JavaScript and HTML/CSS*

- 3-developers team to manage.
- Front-end and back-end development

Play! framework – Open source Web MVC framework

Developer - *Java, JPA/Hibernate, TDD*

- Zenexity is the company that created Play! Framework, I used it on almost all the project I worked on.
- Core bug fixing
- Core development

Sematic - Open source CMS

Developer - *JPA, Lucene, Play! framework, TDD*

- Generic module development
- Core development
- Core bug fixing

Supply Chain Observatory - Anomaly tracking tool for GS1 France - 6-months project

Web developer – *JPA, Play! framework, TDD, MySQL, JavaScript and HTML/CSS*

- Front-end and back-end conception and development.

Gendi website - *www.gendi.fr* - 1-month project

Web developer - *JPA, Play! framework, Sematic, TDD, PostgreSQL, JavaScript and HTML/CSS*

- Front-end and back-end conception and development.
- Sematic modules development

Seine-et-Marne local authority website - *www.seine-et-marne.fr* - 1-month project

Web developer - *JPA, Play! framework, Sematic, TDD, PostgreSQL, JavaScript and HTML/CSS*

- Design integration for IE6, IE7 and recent browsers.
- Solving accessibility issues (front and back offices accessible with a screen reader: Jaws)
- Sematic modules development

Seine-et-Marne, Depayz'arts website - *www.depayzarts.com*

Web developer - *JPA, Play! framework, Sematic, PostgreSQL, JavaScript and HTML/CSS*

- Design integration for IE7 and recent browsers.
- Sematic modules development

Capdemat - feature implementations - 3-month project

Web developer - *Grails, Spring IOC, Hibernate, PostgreSQL, Lucene, JavaScript and HTML/CSS*

- Development of an address referential for all the France's postal addresses
- Implementation of an address auto-completer for CapDemat.

U&O – iPhone application for Veolia transport - 2-month project

Web developer – *Play! framework, HTML5, CSS3, iPhone*

- Web services mashups (STIF, Teletlas, Google Maps, Vélip) in Java and JavaScript
- Front-end development in HTML5/CSS3/Javascript

September 2006 to December 2007

PSA Peugeot Citroën - Apprenticeship

Developer on PSA's automotive simulator software - C, C++, OpenGL

- Refactoring of the simulator kernel
- Conception and development of a common library for the project developers (VMIC, Logs, etc)
- Version deployment on the PSA's simulators

April 2006 to August 2006

Tetco Technologies - Internship

Developer on a production test platform – .Net, C#, VXML, SOAP

- Development of an automaton to test in production the customer's phone platforms (VXML scripts)
- Development of a web application to manage the automata in .Net
- Development of SOAP web services

Studies

2006 to 2009

ITIN – M2IRT (Master 2 in computer science and engineering)

- Master thesis: RESTful Web Services
- IT management option (third year): ERP, project management, IT governance, ITIL, COBIT, ect.
- Software conception option (second year): Java, EJB, Struts, JSF, JPA, .Net, design pattern, UML, etc.

2004 to 2006

IUT de Cachan - DUT (License 2 equivalent) Electrical, Electronic and Computer Engineering

- Microcontroller programming (ASSEMBLER or C)
- Project: guidance system for an electrical wheelchair (PIC microcontroller / USB link / C++ / MFC / UML)

Hobbies

- Software development: building personal projects, stay tuned on twitter/blogs, reading computer books
- Computer graphics (3D editors, Photoshop)
- Online video games
- Cinema
- Reading (fantasy, science-fiction)
- Running
- Travels