

# Curriculum Vitae - Maxime Gréau

Maxime Gréau

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## Personal details

### Name

Maxime Gréau

### WebSite / Social Media

- [mgreau.com](http://mgreau.com)
- [@mgreau](#)

### Location

[La Bruffière, 85, FRANCE](#)

## Professional Experience

### Senior Software Engineer at eXo Platform

May 2015 to Now (On going)

[eXo Platform](#) - Remote

*Open Source, standard-based, Enterprise Social Platform*

### Position

**Software Factory Manager - Release Manager (Git - Docker - Java - DevOps)**

- Release Manager
  - **Improve the Release Process** (for Weekly Releases) by developing a bot based on [Shell scripts - Jenkins DSL jobs](#) and [Docker containers](#).
- Software Factory Manager
  - Manage GitHub Organizations (9) and Git projects
  - Manage Software Components: Jenkins and Docker (CI) / Sonar / Nexus / JIRA
  - Acceptance Platform (Shell scripts, UI HTML, Docker containers)
- Development industrialization (Eclipse, IntelliJ, Maven...)
- Developers support ([documentation](#), training...)

### Technologies used

Docker, Shell, Java, Maven, Git, AsciiDoc, Groovy, PHP

### Java EE Architect / Senior Developer at DGFIP

March 2010 to May 2015

[The French Ministry of Finance \(DGFIP\)](#) - Retirement pension for civil servants

## *Information rights for the retirement pension*

### *Position*

#### **IT Architect - Java EE - Web - DevOps**

Technical lead on the SOA based architecture

- Serve as hands-on technical and technical lead responsible for overseeing all Java EE and Web based development task.
- Work closely with the Functional/SOA Architect.
- Built custom **components based on Java EE 6** (CDI, EJB, JAX-WS, Bean Validation), **Arquillian** and Struts2 to save time, cost, and development effort in addition to promoting code reuse and easier maintenance.
- **Lead two major technical migration :**
  - technical migration from JBoss AS 4.2.3 to JBoss EAP 6.1 (40+ EARs applications)
  - technical migration from JBoss Portal 2.7.2 to eXo Platform 4.0.4 / EAP 6.1 (20+ EARs Portlet applications from Struts 2.1.8 to Struts 2.3.16)

For both migration :

- Applied design patterns and concepts to improve the existing J2EE 1.4 based code, like Starter Pattern or Singleton Pattern thanks to Java EE 6 components (CDI 1.0, EJB 3.1 and Bean Validation 1.0)
- Created **JBoss EAP modules** with all Hibernate 3.2.4 dependencies in order to simplify this first step and therefore to meet the tight schedules.
- Successfully set up and administering the **factory-based software solutions** completely open source, using CentOS, **Apache Maven 3** (100+ projects), **Apache Subversion** (30+ repository, 350 000+ lines of code), **Nexus**, **Jenkins** and **Sonar** used by 40+ people (developers, business analysts, project managers...)
  - Took the initiative and developed a **Web admin dashboard** to quickly identify all applications deployed in each environment using Play! Framework 1.x and Twitter Bootstrap
- Identified and fixed hard to reproduce issues with Dynatrace (APM)
- Collaborated with the load testing team using JMeter and Dynatrace

### *Technologies used*

#### *Languages and Specifications*

**Java EE 6** (BV, JPA, EJB, CDI, JAX-WS, JMS, Servlet, JSP), HTML, Portlet API, J2EE, JavaScript, XML, Shell scripting, AsciiDoc

#### *Portal*

eXo Platform 4.0.x, JBoss Portal 2.7.2

#### *Application Servers*

**JBoss EAP 6.1**, JBoss AS 4, Apache HTTP Web Server

### *Frameworks and Libraries*

**Arquillian**, Struts, Hibernate

### *OS*

Linux (CentOS), Windows 7

### *Databases*

PostgreSQL, HSQLDB

### *Software Engineering*

SOA, DevOps, Design Patterns, Unit, Performance and Integration Testing, Continuous Integration

### *Tools*

JBDS 7, Maven 3, Mantis, Subversion, AsciiDoctor, Dynatrace (APM), JMeter, Jenkins, Sonar, Nexus

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## Self-employed at FiaVeo

 September 2009 to March 2011

 FIAVEO - @HOME

### *Position*

#### **Self-employed**

Designed and Developed Professional WebSite

### *Technologies used*

PHP, Java SE 6, Apache HTTP, Apache Subversion

### *Frameworks*

Symfony 1.x, Play Framework 1.x

### *OS*

Ubuntu

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## Software Developer at AUSY

 April 2008 to January 2010

 **AUSY** (French Software and Computing Services Company) - NANTES (44)

 **The French Ministry of Finance (DGFIP) - Retirement pension for civil servants** - NANTES (44)

*Information rights for the retirement pension*

### *Position*

**Java EE Software Developer - Architect**

Design, development, technical assistance (10-12 people), build and continuous integration process

- Provided an architecture for the business portal project using JBoss Portal 2.7, Portlet API 2.0 and Struts 2
- Provided technical assistance on the architecture and tools (Eclipse, Java, Portlet 2, Struts2 Maven2, JBoss Portal, JBoss Portlet Container)
- Provided technical guidance, build process and continuous integration system using Maven 2 and Continuum for 100+ SVN projects
- Fostered better communication and centralization of team knowledge by introducing and implementing a Wiki site.
- Developed a Swing based application to easily test JAX-WS Web Services for cross-functional teams like testers and management

#### *Technologies*

J2EE 1.4, Java EE 5, JSP, Portlet 2.0, EJB 3, JAX-WS, SOAP, XML, Quartz, HTML, Javascript

#### *Frameworks*

Struts 2, Hibernate 3

#### *Application Servers*

JBoss AS 4.2.3, JBoss Portal 2.7.2, Apache HTTP

#### *Tools*

Eclipse, Apache Maven 2, Subversion, Continuum

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## Software Developer at AUSY

📅 February 2007 to March 2008

🏢 AUSY (French Software and Computing Services Company) - NANTES (44)

🔗 [The French Ministry of Finance \(DGFIP\) - Retirement pension for civil servants](#) - NANTES (44)

*Information rights for the retirement pension – Data collection system*

#### *Position*

##### **Java EE Software Developer**

Technical team lead position (3 developers), design and development

- Trained the junior developers and provided assistance.
- Designed and developed Java based components based on Struts and Hibernate frameworks to improve developer productivity.
- Developed a security module using Servlet, JSP, Applet in order to read digital certificate on USB flash drive
- Developed a standalone Web application to be considered as a proxy using HTTP Commons

## Software Developer at SII

📅 September 2005 to February 2007

🐾 SII (French Software and Computing Services Company) - NANTES (44)

📍 BODET SA - CHOLET (49)

*Time and attendance management software*

### *Position*

#### **J2EE Software Developer**

Development, continuous integration, build and deployment process

- Improved the build and deployment process by migrating it from Ant to **Maven 2** (30+ multi-modules)
  - Increased developer and tester productivity and software quality by setting up the **continuous integration** system using Continuum
  - Documented and collaborated on the deployment process using InstallAnywhere
  - Designed and Developed a J2EE Web based module for the time and attendance management application using Servlet, JSP, Tomcat, Eclipse and an other module for the planning management application using Jasper Report
- 

## Software Developer at COGITEC

📅 April 2003 to August 2005

🐾 COGITEC – NANTES (44)

*Training company in J2EE technology*

### *Position*

#### **J2EE Software Developer**

Design, developement and training courses focus of J2EE based Web application

- Designed and Developed a J2EE Web based training management application and the company website [cogitec.fr](http://cogitec.fr) using UML, Java, JSP, Servlet, JDBC, Tomcat, Mysql, and the FOP API (Java, XML, XSLT, XSL-FO) to generate the trainings catalog in PDF format.
  - Produced detailed document about **Web Services** based on my technology watch about **SOAP**, WSDL, UDDI, and developed a sample application using JAX-RPC API.
  - Provided training course focus on Java and Web technologies for COGITEC customers.
-

# Software Developer at Carriere et Image

📅 January 2002 to June 2002

🏢 CARRIERE ET IMAGE – NANTES (44)

## Position

### PHP Developer

Designed and Developed Web Application (PHP / MySQL) to manage the supervision of young soccer players across Europe.

## Technical Skills

### Containers

Docker, Compose, Machine

### Languages and Specifications

Java SE, AsciiDoc, Shell scripting, **HTML5**, PHP, JavaScript, XML, CSS, Go, **Java EE** (BV, JPA, EJB, CDI, JMS, WebSocket...)

### Software Engineering

DevOps, Continuous Integration, Continuous Delivery, Unit Testing, Integration Testing

### Application Servers

**JBoss EAP 6+**, **WildFly 8+**, JBoss AS 4, Apache Tomcat, Apache HTTP Web Server

### Frameworks and Libraries

**Arquillian**, AngularJS, Struts, Hibernate, Play Framework 1.x

### OS

Linux (Ubuntu), Mac OSX (personal computer), Windows

### Tools

IntelliJ, Eclipse, Maven, JIRA, **Git**, Subversion, AsciiDoctor, Dynatrace (APM), Jenkins, Sonar, Nexus



## Open Source

### Lead Software Developer of a Web Editor for AsciiDoc

- (v1) *Real time collaborative editor for AsciiDoc*  
The first version of this editor was developed with a bunch of technologies: AsciiDoctor (JS and Java), Java EE 7 (WebSocket, JSON-P, CDI, EJB), HTML5, and Arquillian, deployed on OpenShift v2
  - [Github source code](#)
  - [Technical presentation at DevNation](#)
- (v2) *adoc-editor*




The second version of this editor was based on AngularJS and Material Design for the frontend and on Firebase for the authentication and backend (sync...):

- [Github Organization adoc-editor](#)
-  [Demo 1: Realtime Collaborative Editor](#)
-  [Demo 2: Collaborative work and GitHub Integration](#)

### Contribute to projects

I contribute in different ways (code, documentation, blog, conference) to several projects like AsciiDoctor, JBoss Forge, Java EE, WildFly, Appengine, Struts2.

## Podcast

 [Les Cast Codeurs Podcast \(Episode 144 -FR\) about AsciiDoctor \(April 2016\)](#)

I participated in a French podcast conversation about AsciiDoc and AsciiDoctor, with Emmanuel Bernard for an episode of [Les Cast Codeurs](#):

- <https://lescastcodeurs.com/2016/04/05/lcc-144-interview-asciidoc-avec-maxime-greau-et-guillaume-scheibel/>

## Technical Writing

### Publications

#### Technical Reviewer



 **October 2014** -  [Java EE 7 Development with WildFly](#)

PacktPub - English - 450 pages

#### Book Author



📅 June 2011 - 📖 *Apache Maven - Maîtrisez l'infrastructure d'un projet Java EE*  
Editions ENI - French - 412 pages - 6 Chapters



## Blog

I wrote some blog posts on my personal website at [mgreau.com/blog](http://mgreau.com/blog), on the [AsciiDoctor website](#) and on the [eXo Blog webiste](#).

I'm also a [Java Code Geek member](#).

## Conferences & Presentations


### Devops-D Day, Marseille, October 2016 - Docker Meetup Nantes 2017

- **REX: Migrez efficacement vos jobs CI Maven en Pipeline avec Jenkins 2 & Docker!** - [Session info](#)
  -  [Devops-D Day @ Youtube](#)
  -  **REX: Migrez efficacement vos jobs CI Maven en Pipeline avec Jenkins 2 & Docker!**
  - `</>` [Source code DEMO @ Github](#) - Jenkins2 - Pipeline - Docker

### Hanoi JUG, Hanoi, November 2015




- **Improve your Java Development Environment with Docker** - [Session info](#)
  -  **Improve your Java Development Environment with Docker**
  - `</>` [Source code @ Github](#) - Java EE 7 / Angular App with Docker

### DevNation, Boston, June 2015

- **AsciiDoc: Create and publish everywhere from anywhere** - [Session info](#)
  -  **Slides AsciiDoc : Create and publish everywhere from anywhere @ mgreau.com**

- [Source code @ Github](#)


## Devoxx France, Paris, April 2015

- **Write in AsciiDoc, Publish Everywhere!** - [Session info](#)
  -  Co-Speaker alongside [Dan Allen](#)
  -  [Devoxx France Talk @ Parleys](#)
  -  [Slides AsciiDoc : Write in AsciiDoc](#)



## DevNation, San Francisco, April 2014

- Beer and BOF
  - [Wildfly 8 New features](#) with [Arun Gupta](#) and [Jason Greene](#)
- **Real-time collaborative editor for AsciiDoc - When WebSocket met AsciiDoctor** - [Session info](#)
  -  [Slides WebSocket/AsciiDoctor @ Slideshare](#)
  - [Source code @ Github](#)
  -  [Docker Image @ DockerHub](#)

## JUG, Nantes, February 2014

- **When WebSocket met AsciiDoctor** - [Session info](#)
  -  [Vidéo WebSocket/AsciiDoctor @ Youtube](#)
  - [Source code @ Github](#)

## DevFest, Nantes, November 2012

- **Google Cloud Endpoints** - [Session info](#)
- Session about Google Cloud Endpoints with a demo of a Web application (Backbone JS, HTML5, AppEngine)
  -  [Slides Google Cloud Endpoints DevFest @ Slideshare](#)
  -  [Vidéo Google Cloud Endpoints DevFest @ Youtube](#)
  - [Source Code @ Github](#)

## Technical presentation, Nantes, 2011

- Presentation of my **Apache Maven Book** in SII and NeoSoft offices.
  -  [Slides Apache Maven 3 @ Slideshare](#)

# Languages Skills

- French : native language
- English : fluent (reading); intermediate (speaking, writing)

# Education

## CFSA, CHÂTEAURoux (36), FRANCE

📅 2003-2005 - **Master Degree** - *Valedictorian*

CDILA – Developer in Software Engineering by Alternance

## CESI, ANGERS (49), FRANCE

📅 2002-2003 - **BTEC Higher National Diploma** - *With the congratulations of the jury*

Analyst Programmer Client / Serveur

# Interests

- Sport : Football (soccer), Running, Strength Training
- TV Shows, Cinema
- New technologies, Open Source