

# Emmanuel Payet

Software Engineer

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## Personal Statement

I am a Software Engineer with 4 years of experience in full-stack development.

Used to work in a fast-paced agile environment, I build solid web apps on the cloud.

I define myself as an enthusiast and language agnostic developer.

I'm looking for a position in front-end and/or back-end development, where I can expand my knowledge.

## Skills

Agile	★★★★★	TDD, Continuous delivery, Extreme Programming, SCRUM, Kanban
JavaScript	★★★★★	ES5 & ES6, NodeJS, AngularJS, React, Redux, Webpack, Gulp, Grunt
Python	★★★★★	Flask, Django
Tools	★★★★★	Unix shell, Git, IntelliJ Idea & derivatives, Vim
CSS	★★★★★	Sass
Java	★★★★	Version 8, Maven, Gradle, Jersey, JUnit, Hibernate, Groovy, Spock
Ops	★★★★	Docker, CloudFoundry, Heroku, Codeship, Travis, Jenkins
Database	★★★★	MongoDB, Elasticsearch, Redis, PostgreSQL, MySQL
Others	★★★	C#, C/C++, PHP
	★	Go, Ruby

## Employment

- Today **Software Engineer**, *Marks & Spencer*, London, England.
- Nov. 2015  
1 year
- Created CFTO (Christmas Food To Order) website within a medium-size agile team (15 people).  
Twelve-factor app running on multiple cloud providers allowing us to have a high availability.  
Project developed internally for the first time this year, and is 25% ahead of last year in revenue.  
Full-stack development: Python (3.5), Flask, Vanilla JavaScript (ES6), HTML, CSS, progressive enhancement, Cloud Foundry, CodeShip, Concourse  
<https://christmasfood.marksandspencer.com>
  - Refactored and added new features to an existing application within a small agile team (4 people).  
Dynamic multistep form to help customers choose their items. Increased conversion.  
Technologies: NodeJS, Angular 1.X, HTML, CSS, Heroku, CodeShip  
<https://marksandspencer.com/s/lingerie/be-inspired/bra-fitting-tool>
  - Started a prototype on the same kind of project but with a more modern web stack: React, Redux, Webpack, Server-side rendering
  - Started rewriting responsive email templates using open-source tool MJML.  
Uses React components for a better reusability between email templates and more consistency between email providers.
  - 20% time: Contributing to various open source projects (MJML + personal)  
Learning new programming languages: Ruby, Go  
Conferences and training: Cloud Foundry, AWS, Ruby

- Jul. 2015 **Software Engineer**, *Cdiscount*, Bordeaux, France.
- Oct. 2013 **2 years**
- Created the developer hub of the Cdiscount openAPI, allowing many developers to manage their applications and use the interactive documentation.  
<https://dev.cddiscount.com>.
  - Developed several internal projects using web technologies (single-page applications, RESTful servers, NoSQL databases), which improved the team productivity.
  - Assured the correct implementation of agile methodologies, testing, automation, and good development practices.
  - Mentored a junior developer. Organised knowledge sharing workshops (code dojos).
  - Technologies: OO JavaScript (ES6), AngularJS, NodeJS, MongoDB, Java, Kafka, Docker, Jenkins, Git, Linux, Bower, Gulp, Karma, Jasmine, Protractor
- Sep. 2013 **Software Engineer Intern**, *Personalized Software Ltd*, Dublin, Ireland.
- Jul. 2013 **3 months**
- Integration of SonarQube™ in the continuous integration process to improve the overall code quality.
  - Refactored a part of the core architecture of the project BidRight. Allows users to monitor advertising revenues on different platforms.
  - Created a RESTful API around BidRight using the refactored architecture.
  - Created a scraping app + simple dashboard to check the correct usage of BidRight.
  - Technologies: Java, Jenkins, Jersey, Python, Django, Mechanize
- Jul. 2013 **Junior Software Engineer**, *Cdiscount*, Bordeaux, France.
- Sep. 2012 **1 year**
- Developed in the web services team on different projects.
  - Created an internal application of web service monitoring (SOAP / REST) to ease management and use of web services on different environments (production, dev, etc.), which improved the team productivity.
  - Technologies: C#, SQL Server, Silverlight
- Mar. 2012 **Web Developer Intern**, *Ecobox*, Bordeaux, France.
- Jan. 2012 **3 Months**
- Developed a Google Map module for Dynmap (cartography software), which combines both software features for users.
  - Technologies: PHP, MySQL, JavaScript

## Education

- 2013–2015 **EPPI (École Privée des Sciences Informatiques)**, Bordeaux, France.
- Master's degree, Computer Science Engineering
  - Relevant Modules: Web, Mobile, NoSQL, SOA, Agile Methodology, Software Architecture, Linux, AI, C/C++, Java, 3D
- 2010–2013 **EPPI (École Privée des Sciences Informatiques)**, Bordeaux, France.
- Bachelor's degree, Computer Science Engineering - Web

## Languages

French Native  
English Fluent

## Interests

Video games, Japanese animation, Squash