

# Emmanuel Payet

N7, London

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Software Engineer

## About Me

I am a Software Engineer with 10+ years of experience in building full-stack web applications. In the last 4 years, I've expended my skillsets to line management, team and technical leadership. I am a pragmatic engineer who loves empowering other engineers to have impact and grow.

## Experience

Today **Technical Lead**, *Lyst*, London.

Apr. 2020 ○ Tech Lead for the Product Data team (8 people).

3+ years This team is in charge of the data pipeline from downloading data from partners (2000+ partners) to populating the catalogue database (8M+ products).

○ Line management of 4 people for them to grow in their career.

All the people I manage are now senior engineers and some of them are also engineering managers and tech leads.

○ Working in collaboration with multiple teams on various projects to improve integration efficiency and data accuracy resulting in a better user experience.

○ Technologies: Python, AWS Services (SQS, Kinesis, EKS, S3, RDS/Aurora, ...)

Apr. 2020 **Senior Software Engineer**, *Lyst*, London.

Apr. 2019 ○ Worked with data scientists to productionise new machine learning models.

1 year This now covers 80% of our new incoming products, reducing the cost of manual categorisation by \$1M per year.

○ Added brand-new product category (face masks) in the internal taxonomy for the first time in 10 years, automatically categorised.

The timing was important for the company and this was added quickly.

○ Finished product data migration from the monolith to the use the new catalogue microservice. This was a large tech debt piece involving working with other teams.

○ Technologies: Python, Django, Flask, PostgreSQL, DynamoDB

Apr. 2019 **Software Engineer**, *Lyst*, London.

Jun. 2017 ○ Made the catalogue international and multi-currencies, helping Lyst launch in more markets (Japan, Russia, etc.). Worked across the full stack to make it happen.

2 years

○ Added an internal dashboard to interact with our catalogue API.

○ Technologies: Python, Django, JavaScript, NodeJS, React, Redux

- Jun. 2017 **Software Engineer**, *Marks & Spencer*, London.
- Nov. 2015 **2 years**
- Created CFTO (Christmas Food To Order) website within a large multidisciplinary agile team (15 people).  
12-factor app running on multiple cloud providers allowing high availability.  
<https://christmasfood.marksandspencer.com>
  - Rewrote responsive email templates using open-source tool MJML.  
Uses React components for a better reusability between email templates and more consistency between email providers.  
This included contributing to the open-source project MJML.
  - Technologies: Python, Flask, JavaScript, NodeJS, AngularJS, React, HTML, CSS, Progressive Enhancement, Heroku, Cloud Foundry, CodeShip, Concourse
- Sep. 2015 **Software Engineer**, *Cdiscount*, Bordeaux.
- Sep. 2012 **3 years**
- Created the developer hub of the Cdiscount openAPI, allowing many developers to manage their applications and use the interactive documentation.
  - Added features to the Catalog as part of the service team.
  - Worked on internal web service monitoring tools (SOAP) to easily swap between environments, improving the team productivity.
  - Mentored junior developers.
  - Organised knowledge sharing workshops (code dojos).
  - Technologies: C#, SQLServer, JavaScript, AngularJS, NodeJS, MongoDB, Jenkins

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## Education

- 2010–2015 **EPSI (École Privée des Sciences Informatiques)**, Bordeaux, France.
- Master's degree, Computer Science Engineering
  - Bachelor's degree, Computer Science Engineering

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## Languages

French Native  
English Fluent

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## Interests

Kung Fu (6 years, Blue Belt), Squash, Video games, Japanese animation