

# Jose Navarrete

## Software Engineer

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josenava

## Skills

### Languages

English

Spanish

### Programming

Python

MySQL • PostgreSQL

PHP

Javascript

Docker • Linux

## Side Projects

**Meal calendar:** Calendar tool to track meals per week. - Python/FastApi & React

**Money movements:** Tool to classify bank movements based on predefined words per category - Python/Flask

**MySQL exam preparation** - Android app with questions and answers to improve the MySQL admin preparation (Developed in Ionic and compiled to Android)

## Experience

Nov 2018  
Present

### Software Engineer

21Buttons, Barcelona

My main focus areas are: Code architecture, code quality and performance. I also contributed integrating 3rd party platforms like Stripe for payments. Some of the tech stack we use is: Python, Django, Flask, Aiohttp, Redis, ElasticSearch, PostgreSQL, SNS, SQS and some other AWS services.

Jun 2018  
Oct 2018

### Software Engineer

Broker Genius, Barcelona

Contributed working on a cache system to serve data from different APIs to Broker Genius main application. We used PHP7.2, Laravel, Redis, RabbitMQ and MariaDB in the microservices where we applied Domain Driven Design.

Mar 2017  
May 2018

### Software Engineer

trivago, Palma de Mallorca

I was part of the development team in some different projects: A finance tool applying DDD and microservices architecture; a REST API following JSON API standard where I also started the migration from PHP5.6 to PHP7. In all of these projects I pushed to integrate Docker in the development process.

Jan 2016  
Mar 2017

### Technical Lead & Software Developer

trivago, Palma de Mallorca

Joined the team to work on a custom CRM tool before becoming the Tech Lead of the team. As Tech Lead I had to deal with architecture decisions and knowledge sharing between the team with more code reviews. I also had the chance to improve the performance of some data processes by fixing the queries to the database.

Oct 2013  
Jan 2016

### Software Developer

trivago, Palma de Mallorca

Worked on legacy tools where I had the chance to improve my software development skills by learning clean code and applying it to different PHP/Symfony projects. During this period I also improved my MySQL skills trying to keep the performance up to speed in those projects.

Nov 2012  
Jun 2013

### Fullstack developer

Hiveplay, Madrid

My main role was developing an API using Ruby on Rails and PostgreSQL, although I had to write some javascript and build an analytics system with Python and PostgreSQL.

## Education

2006 - 2012 **Telecommunications Engineering**

Universidad Rey Juan Carlos, Spain

2006 - 2012 **Computer Systems Engineering**

Universidad Rey Juan Carlos, Spain

## Certifications & Courses

May 2017

**MySQL Performance Tuning Ed 3 Course**

Oracle

Dec 2015

**MySQL 5.6 Database Administrator Certification**

Oracle