

Adrián López Calvo

Software Developer

Calle del Poeta Joan Maragall 13, 28020, Madrid, Madrid Spain

✉ adrian.lc.work@gmail.com ☎ +34 676 789 447

in [adrianlc](#)  [AdrianLC](#)  [AdrianLC](#)  [AdrianLC](#)



Experience mostly on *backend* web development and *Python's* ecosystem with a preference for open source tools.

Things I love to work with include: APIs, testing, continuous integration, databases, performance tuning, *i18n* and more yet to discover!

SKILLS

Programming

Advanced

[python](#) | [java](#) | [php](#) | [javascript](#) | [c](#) |
[git](#) | [testing](#)

Backend

Advanced

[django](#) | [celery](#) | [sql](#) | [postgresql](#) |
[mysql](#) | [mongodb](#) | [elasticsearch](#) |
[web services](#) | [scrapping](#)

DevOps

Intermediate

[ansible](#) | [docker](#) | [kubernetes](#) |
[vagrant](#) | [continuous integration](#) |
[amazon web services](#) | [google cloud](#) |
[travis](#)

Frontend

Beginner

[html](#) | [django & jinja templates](#) | [css](#) |
[angularjs](#) | [jquery](#)

WORK EXPERIENCE

Backend Developer at HundredRooms

June 2016 - September 2017

<http://hundredrooms.com>

Skills acquired: [python](#) | [celery](#) | [scrapy](#) | [asyncio](#) | [mysql](#) | [mongodb](#) | [ansible](#) | [docker](#) | [kubernetes](#) | [gce](#) | [grafana](#)

Worked on getting the data processing core of the product to the next level.

- Migrated a big part of the systems from in-house servers to the cloud with Ansible.
- Moved most of them to Docker and a Kubernetes cluster.
- Established a reliable deployment process and adequate testing tools.
- Implemented real time data synchronization between MongoDB and MySQL.
- Integrated external data into the platform through several APIs and scrapping.
- Developed asynchronous components of the system with Asyncio.
- Upgraded a huge part of the code base from Python 2 to 3.
- Worked on improving the database schema.

Software Engineer at Smartvel

October 2014 - June 2016

<http://smartvel.com>

Skills acquired: [python](#) | [django](#) | [django-rest-framework](#) | [celery](#) | [postgresql](#) | [postgis](#) | [redis](#) | [mongodb](#) | [elasticsearch](#) | [ansible](#) | [vagrant](#) | [aws](#)

Built products of the company focusing mostly on backend and web development.

- Migrated the processing core to an asynchronous queue system with Celery.
- Managed the work queues: routing, priorities, monitoring, concurrency, autoscaling, deployments.
- Built a component to translate texts, obtained through scrapping, automatically.
- Implemented several tools to improve names and boundaries in the geographic data.
- Maintained geographic boundaries with QGIS and shapefiles.
- Set up the MongoDB server with Ansible.
- Handled several major upgrades such as: MongoDB 2 to 3, Django 1.7 to 1.9 or Rest Framework 2 to 3.
- Optimized critical SQL queries, including Postgresql extensions such as postgis, trigrams and full text search.

EDUCATION

BS Computer Science at Universidade de Santiago de Compostela

2009 - 2013

Major courses: [oo programming](#) | [data structures & algorithms](#) | [software engineering](#) | [operative systems](#) | [networks](#) | [system administration](#) | [web development](#) |
[web services](#) | [distributed computing](#)

LANGUAGES

Spanish

native speaker

English

advanced

Galician

native speaker

REFERENCES

Available upon request.