Adrián López Calvo
Software Developer

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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 | ruby | java | 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 | gitlab ci

Frontend
Beginner

html | vue | css | jquery

WORK EXPERIENCE

Software Engineer at Cabify
December 2017 - Current

http://cabify.com

Skills acquired: ruby | vue | elixit | mysql | couchdb | micro-services | docker | kubernetes | gce | google pubsub

Automating business processes for departments such as finance and marketing.

- Implemented a payments system to collect commissions from the drivers.
- Built a service to delete and anonymize user data in compliance with European regulations.
- Developed a service to give out price discounts in mass to user segments targeted by marketing.
- Migrated continuous integration pipelines from Travis to Gitlab CI.

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 scraping.
- 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

Scrum Coaching at Agilar Consultancy
2017 - 2017

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.