Adrián López Calvo

Software Engineer

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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   javascript   c

git   testing

Backend
Advanced

django   celery   sql

postgresql   mongodb

elasticsearch   web services

scrapping

DevOps
Intermediate

ansible   vagrant

continuous integration

amazon web services   apache

ubuntu   fedora

Frontend
Beginner

html   django & jinja templates

css   angularjs   jquery

WORK EXPERIENCE (2)

Software Engineer at Smartvel

October 2014 - Current

http://smartvel.com

python   django   django-rest-framework   celery   django-haystack   postgresql   postgis   redis   mongodb   elasticsearch   ansible

vagrant   aws   angularjs

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.

Web Development Intern at Arantia, Televés Corp

August 2013 - September 2013

http://www.arantia.com

javascript   php   html   css   html5-canvas

Worked on several bugs and tasks in the software internal to an IPTV solution.

- Integrated some Javascript/HTML5 Canvas games with the set-top box and its remote control.
- Renewal of the user interface for set-top box settings.

EDUCATION (1)

BS Computer Science at Universidade de Santiago de Compostela

2009 - 2013

oo programming   data structures & algorithms   software engineering   operative systems   networks   system administration   web development

soap web services   distributed computing

LANGUAGES

Spanish
native speaker

English
advanced

Galician
native speaker

REFERENCES

Available upon request.