

# Luis Orduz

Bogotá, Colombia  
Email: hire@luord.com

## Profile

Systems Engineer with strong skills in development, operations and lifecycle management.

Over five years of experience as a polyglot full-stack developer, follower of good principles like SOLID, DRY and TDD in my code and who has introduced DevOps techniques such as continuous deployment in different projects .

Equally effective in a team environment or as a lone specialist.

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## Technical Skills

**Programming:** Python, Javascript, Bash, HTML/CSS, Flask, SQLAlchemy, Django, VueJS, AngularJS, Foundation, Celery

**Infrastructure:** Linux (debian-based), PostgreSQL, NGINX, Redis, RabbitMQ

**Operations/Management:** Git, Docker (docker-compose), GitLab-CI, Ansible, Click

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## Employment History

**Software Developer (Backend)**      *BairesDev, Bogotá, Colombia*      *11/17 - Present*

Full-stack developer with a primary focus in the backend for one of the clients, a marketing research company, using python mainly with Flask, SQLAlchemy and Celery. The infrastructure is primarily handled with Docker and Python libraries such as Click.

- Development of new features and bug fixing in the back-end, updating libraries, code refactoring and task supervision during pagerduty cycle.
- General maintenance of the frontend of a particular interface, written in the React ecosystem.

**Senior Python Developer**      *Globant, Bogotá, Colombia*      *09/17 - 09/18*

Backend development in python for general projects, currently focused in projects for National Geographic, primarily in Django.

- In charge of implementing the security guidelines for the Your Shot project, including migration to HTTPS and implementation of better text parsing and restriction techniques.
- Member of the SWAT team, in charge of providing backend support for other teams.

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## **Freelance Software Engineer**

*Bucaramanga, Colombia*

*01/16 - 09/17*

### Python Developer (remote, contractor)

*Scopic - temporary engagement (06/17 - 08/17)*

Software developer working primarily with Python and some operations work in one of the projects.

- Sole developer for a betting bot application using plain Python and different technologies such as Falcon for creating a RESTful API and APScheduler for managing the queues with redis.
- Set up a simple development environment using Docker

### Software Engineer (remote, contractor)

*Pensemos - continuous engagement (10/16 - 05/17)*

Part of the programming team, sole responsible of set-up of the deployment pipelines and maintainer of the WEB client that handles the periodic timelines of one of the largest cooperative companies in the country.

- Key team-member in the development of the web application using the Python web framework Django.
- Wrote front-end components using VueJS, communicating with a REST API, also built in Django, for efficiency.
- Introduced a continuous deployment process for ease and speed-up of development and deployment using GitLab and Docker through docker-compose.
- Maintainer and responsible of bug-fixes and feature changes.

### Software Engineering consultant (remote, contractor)

*Pensemos - continuous engagement (01/16 - Present)*

Sole responsible of maintenance, bug fixing and development of a note-taking and task management application called Agreele.

- Python and JavaScript Development.
- PostgreSQL Database administration.
- Linux servers administration in Digital Ocean, provisioned with Bash and Docker.
- Fine-tuning of the provisioning process with Ansible planned.

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**Software Engineer**      *Pensemos, Bucaramanga, Colombia*      12/14 - 12/15

Took full ownership of backend development, developed the alpha of the frontend client and maintained a note-taking and task management application called Agreele.

- Built the entire backend infrastructure as a REST API using the Python microframework Flask and the ORM SQLAlchemy.
- PostgreSQL Database administration.
- Wrote the skeleton and initial versions of the frontend client using the javascript MVW framework Angular and the Foundation presentation framework.
- Configuration of the development and deployment infrastructure: Execution based on Docker containers provisioned using Git hooks with helper Bash scripts.

**Software Developer**      *Eximo, Bogotá, Colombia*      07/13 - 11/14

Full-Stack software developer with responsibilities in maintenance and new features as well as responsible of several proofs-of-concept for a software development company handling different applications for varied clients and an in-house interactive CMS.

- Frontend (javascript) and Backend (java) work on the company's own graphical CMS for website prototyping. New features and bug fixes.
- Frontend (javascript) and Backend (java) work for a client's CRM. New features and bug fixes.
- Purchase , setup and maintenance of a proof-of-concept virtualization server, based on virtualbox, for testing deployments in different browsers.
- Initial migration of the version control system from perforce to git.

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## Education

### Universidad Industrial de Santander

*Systems Engineering*

April 2008 - April 2013

GPA: 4.28 - Outstanding student in Saber Pro national assessment.