

# Lucas Contreras

SECURITY ENGINEER / DEVSECOPS · AT MERCADOLIBRE

San Isidro, Buenos Aires, Argentina

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*Discussing all possible workarounds to solve a problem is what I enjoy the most. I believe a great part of who we are is whom we hang out with, that's why I'm always looking forward to working with knowledgeable people, to grow both as a professional, and a human being.*

## Technologies

**Skills:** AWS, Docker, Python, Linux, Nodejs, Grafana, LaTeX, MySQL

**Learning:** Go, Clean Architecture, gRPC

## Work Experience

### Mercadolibre

Argentina

SECURITY ENGINEERING (DEVSECOPS)

Nov. 2019 - Present

- Polp Fiction: A tool that aims to apply the principle of least privilege on IAM Policies, Users and Roles in more than 200 AWS accounts. We made stage 1 of the project Open Source ( [github.com/mercadolibre/polp-fiction-metrics](https://github.com/mercadolibre/polp-fiction-metrics) )
- Patch Management: A project that using Lambda, AWS Config, and System Manager handles the patching of +50k EC2 (AWS) and compute (GCP) instances.
- SSM Installer: An Installer that using IAP (GCP Identity Aware Proxy), Ansible and CloudWatch installs the Systems Manager agent on any GCP instance under a certain organization.

### Edrans

Argentina - USA

SITE RELIABILITY ENGINEER

Jun. 2018 - Nov. 2019

- Co-developed a full Serverless app with 3 fully composable Microservices/APIs using Python and NodeJS in AWS
- Solved several IaC issues with both Serverless, and CloudFormation in AWS and automate a handful of procedures using Docker and Docker-compose

### Codelamp

Argentina

FREELANCE DEVELOPER

Sep. 2013, Present

- Dealt with most aspects of development, from writing a functional brief to designing, coding, selling and maintaining the software.

### Go Soluciones y Sistemas

Argentina - Uruguay

FULL STACK DEVELOPER

May. 2018 - Jun. 2018

- Developed several modules of a system that tracks trucks and sends a report over GPS signal in order to calculate trips' costs depending on different variables and had to interact with the SAP API in order generate ready-to-print invoices from within the system I was developing.

### Toyota S.A

Argentina

SYSTEM SECURITY INTERN

Dec. 2016 - Dec. 2017

- Administrated Active Directory, MySQL and Windows Servers as well as Massive software installation procedures with InvGate software

## Projects

### Personal | Full Stack

Buenos Aires, Argentina

CANUSLECTOR.SITE

Sep. 2018 - Aug. 2018

- Personal site where I post most of my readings, for this project I used Vuejs, Node, Mysql for development and AWS EC2/S3 as Infra.

### Edrans | Full Stack Dev. + Microservices

Las Vegas, USA

BLOG POST OF THIS PROJECT: LUCASCONTRE.SITE

Jan. 2019 - May. 2019

- Co-developed in the development of an application that interconnects and interacts with several Microservices using Python, Flask, Serverless, Node and Vuejs

### Codelamp | Full Stack Dev.

Buenos Aires, Argentina

ANTIPLAGANORTE MANAGEMENT SYSTEM

Jan. 2019 - May. 2019

- Co-developed an application that merges all of the activities performed in AntiplagaNorte into a single app, generating useful data and dealing with a complicated domain logic. For this project we used PHP, Laravel and MySQL and interacted with the OpenWeather APIs
- For further projects and success cases, please refer to [lucascontre.site](https://lucascontre.site)

## Education

### UBA (Universidad de Buenos Aires)

Buenos Aires, Argentina

COMPUTER ENGINEERING (INCOMPLETE STUDIES)

Mar. 2014 - Jun 2017

# Languages

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**English**    Advanced | FCE (First Certificate Exam)  
**Spanish**    Native