Lucas **Contreras**

SECURITY ENGINEER · AT N26

Barcelona, Spain

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Discussing all possible workarounds to solve a problem is what I enjoy the most

Technologies

I enjoy working with:	Linux, Go, Software Architecture, Grafana
I have experience with:	All of the above, AWS, GCP, Python, Distributed systems, ELK Stack
I'm still learning:	Rust, gRPC

Work Experience

N26   *Barcelona, Spain*

CLOUD SECURITY ENGENEERING   *Sep. 2021 - Present*

- Working with AWS, Golang, Terraform, Python and ELK stack
- Developing security tools and monitors
- Helping migrate our custom SIEM to AWS managed services

Mercadolibre   *Argentina*

CLOUD SECURITY ENGENEERING   *Nov. 2019 - Sep 2021*

- 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.
- 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
- Worked as a contractor mainly for Zappos and OLX
- Solved several IaC issues with Terraform and CloudFormation in AWS and automate a handful of procedures using Docker, Lambda and more native AWS services

Codelamp   *Argentina*

FREELANCE DEVELOPER   *Sep. 2013, Sep. 2021*

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

Toyota S.A   *Argentina*

SECURITY OFFICER   *Dec. 2016 - Dec. 2017*

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

Projects

Incident Reporting Tool (IRT Zappos)   *Las Vegas, USA*

EDRANS | SOA INCIDENT REPORTING TOOL   *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

AntiplagaNorte Management system   *Buenos Aires, Argentina*

CODELAMP | FULL STACK DEV.   *Jan. 2019 - May. 2019*

- A CMS application from scratch 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 I used PHP, Laravel and MySQL.

Firewalls Rule Groups Cleaner   *Buenos Aires, Argentina*

PERSONAL PROJECT   *Jan. 2021*

- A serverless firewall rule cleaner currently only implemented for AWS security group but easily extensible to other security group rules like Palo Alto firewalls or GCP firewall rules. A DDD solution able to handle the same problem in different environments.

More projects..   *Github*

HTTPS://GITHUB.COM/CONTRE95   *Jun Present*

- Feel free to research through either my blog (https://blog.lucascontre.site) or my Github and ask me of any project that might be of your interested