



# NICOLAS SERBIN

## DEVOPS ENGINEER

### PERSONAL PROFILE

Passionate about technology, computer security and automation. I consider myself a sociable person, open to teamwork, responsible and committed in everything I do

### TECHNOLOGIES

- ANSIBLE
- ARGO CD
- ATlassian STACK (CONFLUENCE, JIRA)
- AWS
- DATADOG
- DOCKER
- GIT
- GITHUB
- GITLAB
- GRAFANA
- HELM
- KUBERNETES
- LINUX
- POSTMAN
- PYTHON
- TERRAFORM
- SERVERLESS FRAMEWORK
- SHELL SCRIPTING

### CONTACT

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### EDUCATION HISTORY

#### SYSTEMS ANALIST

IFTS 18 | 2020 - 2021

### WORK EXPERIENCE

#### CloudOps Engineer

*NARANJA X | February 2023 - Present*

At Naranja X, I am involved in the "WIRU Pipeline" project. This centralized pipeline is hosted on Gitlab and predominantly written in Bash and Python. My contributions to this project include the creation of Helm templates that can support multiple versions of Kubernetes clusters. I also optimized the testing jobs to streamline and standardize the process. In addition, I developed Python scripts employing the boto3 library to perform batch deletion of specific files using regex patterns in the company's S3 buckets. Furthermore, as part of our RDP strategy, I implemented a Gitlab-CI Self-Hosted instance on an EC2 instance.

#### DevOps Engineer

*DIGITAL HOUSE | September 2021 - Present*

Designed and executed comprehensive monitoring for AWS Lambdas in Datadog. Implemented monitoring tools for AWS RDS in Grafana. Created Python scripts utilizing the boto3 library for various tasks, including bulk file deletion in S3 and generating VPC Peering. Developed scripts streamlining the onboarding process by installing all DevOps team tools. Conducted analysis of EC2 and RDS instances, optimizing costs and performance through resizing when necessary. Upgraded Terraform's AWS provider to Version 5x, including the relevant modules. Led a successful migration from Gitlab CI to Github. Developed scripts enabling large-scale changes in both Gitlab and Github repositories. Designed, developed, and managed Infrastructure as Code (IaC) utilizing Terraform in AWS. Designed, developed, and oversaw Kubernetes clusters. Generated documentation for various projects and processes.

#### Technical Support Application

*MERCADOLIBRE | November 2020 - September 2021*

##### Shipping SMO 1.5

Reviewing and generating all the SMO Documentation.  
Management of resolution teams.  
New recruit training.

##### Shipping SMO SPOC

Metrics Monitoring.  
Generating documentation for SPOC cell.  
Leading War-rooms events

##### Shipping SMO 1.0

Metrics Monitoring.  
Analysis and resolution of incidents.  
Supporting Internal clients with Jira Service Desk.

#### Technical Support

*HP INC. | June 2019 - September 2019*

Maintenance A3 Printers.

#### Technical Support

*Autonomous | 2006 - Present*

Formatting, Backup, installing and configuring OS.  
Installing and Configuring Linux and Windows Servers

### CERTIFICATIONS

#### Certified Solutions Architect Associate

*AWS | November 2021*

#### Certified Developer Associate

*AWS | October 2023*

### OTHER COURSES

#### Cyber Security Architect

*Educacion IT | 2019 - 2020*

**Networking:** IP Protocols, VPN Host to Host.

**Linux:** Managing Users and Groups, Bash, File management, Monitoring, Backups, IPTables, Server Hardening.

**Windows:** Managing Users and Groups, Security Policies

**SQL:** Basic usage