

# Oscar Ivan Sanchez Amaya

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## Summary

I'm a computer engineer, a big fan of technology with more than eight years of experience in different areas such as DevOps and Sysadmin, mainly on Linux, deep expertise on AWS, scripting with Bash, monitoring with Datadog, Appdynamics, Grafana, infrastructure as a code with Terraform and Cloudformation.

## Technical skills

Scripting languages: Python, Bash.

Platforms: Mac OS X, Windows Server, Linux.

CI/CD: Jenkins, CodePipeline and CodeBuild, Azure DevOps service, Bamboo.

Databases: MySQL, Oracle, MongoDB (just a service administrator level)

Issue Tracking: Jira.

Cloud Provider: AWS

Infrastructure as a code: Terraform, Cloudformation.

Configuration Management: Chef, Ansible.

Container Orchestration: Kubernetes, OpenShift.

Education and Certificates

2010 - 2017, Systems Engineer, Instituto Tecnológico de Saltillo.

2017, AWS Certified Developer Associate.

## Languages

English - B2

Spanish- Native Speaker

## EXPERIENCE

### Persistent, Senior DevOps.

February/2023 – December/2023

I joined the client's SRE team. The main task is monitoring, recovering, and documenting. A typical day is updating alerts, creating Runbooks, and updating flows to make it easy to bring support.

## **Responsibilities:**

Maintain monitoring tools.

Migrate from NewRelic to Instana.

Provide relevant information in Production issues to the corresponding team.

Creation of Runbooks.

Provide support to Developers in OpenShift.

## **Technologies:**

OpenShift

NewRelic

Instana

Grafana

AWS

## **Wizeline, Senior CloudOps.**

August/2020 – February/2023

Help the client migrate all the alerts from LogicMonitor to DataDog and implement new standards for monitoring and roles. I also participated in a small project about Python Lambdas. And I was helping an internal project to achieve goals.

## **Responsibilities:**

Maintain monitoring tools.

Migrate from LogicMonitor to DataDog.

Create a Lambda for a POC.

Recreate Terraform templates to match the resources with the tf state because the client lost the last version of the template.

## **Technologies:**

DataDog

LogicMonitor

Terraform

Instana

Grafana

AWS

Kubernetes

Python

## **EPAM, Senior DevOps.**

August/2019 – August/2020

I learned, reviewed, and implemented the client tools on many projects. The tool was designed in Python to automate the creation of CI/CD and necessary AWS resources with Cloudformation for the application.

### **Responsibilities:**

Reviewing the Python tool created by the client.

Help developers to implement the tool.

Update the documentation to match the functions in the tool.

### **Technologies:**

AWS

Cloudformation

Windows server

DataDog

Python

## **Pricetravel, Senior DevOps.**

August/2018 – August/2019

I worked with the migration to the cloud while supporting the on-premise services that included debugging, deployments, and monitoring.

### **Responsibilities:**

Support Production environments.

Create Terraform templates to create all the necessary resources with modules to reuse code.

Create and implement CI/CD with Jenkins.

Help developer teams to adapt to the new infrastructure and process.

Implement Monitoring tools and alerts.

### **Technologies:**

AWS

Terraform

Windows server

Linux

Jenkins

Kubernetes

DataDog

## **Accenture, Engineer DevOps.**

August/2016 – February/2018

I've performed two roles. One was to serve as the support contact for my devs team ( assist with releases, fix issues, and be the point of contact).

Secondly, I plan new functions with the DevOps team, review alternative technologies, update services or instances, etc.

### **Responsibilities:**

Support Production environments.

Creating a new standardized process to create all the necessary resources with Cloudformation and Python.

Assist in the code lifecycle of 3 developer teams providing support.

Train developer teams with AWS and assist in doubts about the new process with Cloudformation.

Maintain and update Monitoring tools and alerts.

### **Technologies:**

AWS

Cloudformation

Chef

Linux

Jenkins

Bamboo

Appdynamics

Netscaler

## **ClickIt, System Administrator.**

December/2014 – July/2016

I was assigned to many small projects on which I performed activities involving sysadmin and DevOps tasks.

The activities included malware removal on the Linux system, migrations, LAMP/LEMP stacks to another cloud service stack, optimizations for LAMP/LEMP stacks, and updated Linux services involved in the correct functionality for our critical apps.

I also participated in enhancing the application performance by switching web services or tools, such as changing Apache for Nginx or using cloud services like ec2 LB.

## **Responsibilities:**

Improve Performance.

Perform migrations to AWS, primarily small startups with few servers.

Clean malware.

Script automated backups and lifecycle.

Install and configure new services.

## **Technologies:**

AWS

Google Cloud

fail2ban

Linux

Jenkins

Bash scripting

Apache and Nginx