



Baruch Ramos — CV

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Technical skills

- Kubernetes, Docker, AWS, GNU/Linux, Ansible, Terraform, Git/Gitlab, Grafana, KVM, Python, Bash, Varnish, ELK, Apache, Nginx, GCP, MySQL/MariaDB/Aurora, PostgreSQL, CI/CD methodologies, GitOps, DevOps, Scrum/Agile.

Previous Employment

- **Bitso** **Mexico City**
DevOps Squad Lead. *February 2021–To Date*
Appservices Squad Lead responsible for leading a team of DevOps and Cloud engineers in charge of designing and creating infrastructure for all areas of the company, using the best practices and state-of-the-art technology:
 - Create and maintain crypto nodes for the new coins.
 - Managing connectivity between AWS and our facilities (VPN/Direct Connect).
 - Responsible for the participation in the "Red Financiera", integrating our banking core with SPEI (Banxico).
 - Responsible for installation and configuration of third party apps e.g. CAPI (Facebook).
 - Build infrastructure as code using Terraform (EKS clusters, Databases, pet servers, etc).

- **Konfio** **Mexico City**
Cloud Solutions Architect & Sr DevOps Engineer. *November 2019–February 2021*
DevOps Engineer responsible to work closely with technology team, to understand and anticipate the agile infrastructure needs of the development, testing, deployment and monitoring processes, create environments where Dev and QA work can proceed securely, efficiently, and flexibly:
 - Support for the large infrastructure running in AWS, Linux Instances, load balancers, firewalls, serverless infrastructure.
 - Create and maintain fully automated CI/CD pipelines for code deployment using Gitlab.
 - Management of container orchestration systems (AWS ECS, Kubernetes).
 - Development of scripts in a standard scripting language (Bash, Python).
 - In charge for building infrastructure as code using Terraform and Ansible.

- **VASS Mexico** **Mexico City**
Cloud Solutions Architect & Sysadmin. *May 2018–October 2019*
Cloud Architect working in a project for Telefonica Movistar and a DevOps solution to improve internal development for VASS:
 - Design of high availability solutions on Opencloud (OpenStack public cloud). Definition of environments (DEV, QA, PROD), provisioning VPC, subnets, VPN, ELB, security controls and documentation.
 - Develop a new architecture focused on customer requests with cloud solutions.
 - Installation and configuration of Elasticsearch Stack (ELK).
 - Magento and Liferay cluster installation with cloud solutions.
 - In charge of support Opencloud services.
 - DevOps solution implementation for our development process (Ansible, Jenkins, SonarQube, Prometheus, Git).

ITERA Process

Mexico City

Cloud Solutions Architect & Sysadmin.

September 2017– April 2018

Cloud Architect Working in pre sales for AWS solutions, implementing PoCs, assisting customers in the migration of existing applications and the development of new architecture using AWS cloud services (PEMEX, ALTAN REDES, GRUPO R, UAM):

- Design of high availability solutions on AWS, definition of environments, provisioning, VPC, subnets, VPN, ELB, security controls and documentation.
- Infrastructure migration from on-premises to cloud.
- Develop architectures focused on customer requests and business models improvement.
- In charge of support AWS services (EFS, S3, EC2, ELB, Cloudwatch, IAM, VPN, VPC).
- Participate as technical consultant during pre-sales process.
- Document AWS migration roadmaps.
- PEMEX (Infrastructure migration: Virtual Desktops, PetroMod into AWS).
- ALTAN REDES (Infrastructure Migration: ORACLE Database, ORACLE Linux and web servers into AWS).
- UAM (DRP Creation and Implementation: Sybase, MySQL, DNS, Web Server into AWS).
- GRUPO R (Infrastructure migration).

BBVA Bancomer

Mexico City

Sysadmin Sr.

October 2015–September 2017

Linux consultant for BBVA Bancomer, responsible for the implementation and support of Linux servers to the infrastructure of Mexico and Latin America. executing the following activities::

- Installation and configuration of Operating Systems (Red Hat and SLES).
- Updating and patching of operating systems and applications.
- Servers virtualization in production environments (KVM, Xen).
- Third level support for Mexico, Colombia, Peru, Chile and Venezuela.
- Troubleshooting and performance tuning for +3500 servers.
- Development of custom Ubuntu (PXE boot) for internal use of Bank branches.
- Support for developers for device integration within "Custom Ubuntu".
- Maintenance and creation of scripts for automation between environments (bash, python).
- Monitoring of DNS servers.
- Laboratory implementation for the use of new tools (OpenStack, Ansible, Jenkins, Docker, Kubernetes).

TELCEL

Mexico City

Sysadmin

April 2015–October 2015

I was the deployment team leader responsible for installing and configuring Nominum technologies (Vantio AuthServe and Vantio CacheServe), in the Red Hat DNS servers for the 9 regions of Telcel nationwide network.

- Installation and configuration of Red Hat servers.
- Hardening of operating system according to Telcel standards.
- Installation and configuration of Nominum technologies (Vantio AuthServe and Vantio CacheServe).
- Troubleshooting, monitoring of applications and servers.
- Creation of RCA reports.

Develop Talent & Technology

Mexico City

Sysadmin

February 2013–March 2015

Responsible for the administration of servers and technical support performing the following activities:.

- Setup of hardware (computers, routers, servers).
- Installation and configuration of pfSense for the security of the internal network.
- Installation and configuration of FreeNAS for incremental backups of information.
- In charge of making budget for the technological renovation for the office.
- Responsible for Web servers (Apache, NGINX).
- Installation of CMS (Wordpress, Drupal, Joomla).
- Analyze the logfile to find possible issues.
- Development of bash scripts to automate tasks.

DTIC, UAEMex

Toluca

Sysadmin Jr.

March 2012–January 2013

I was in charge for technical support, installation and configuration of Linux Servers and making of backups.

- **DiDePA, UAEMex**

- *Sysadmin Jr.*

Responsible for maintaining the server online, supporting and installation of new features, beta-tester of the new projects hosted by the server.

Toluca

February 2011–January 2012

Courses and Certifications

- **Certified Kubernetes Application Developer** CKAD-2000-003527-0100
- **Certified Kubernetes Administrator** CKA-2000-005193-0100
- **Professional Cloud Service Manager** PCSM61262
- **AWS Well-Architected Training**
- **AWS Business Professional Online (Released November 2016)**
- **AWS TCO and Cloud Economics Online**
- **AWS Technical Professional Online (Released November 2016)**
- **Red Hat Certified System Administrator (2016):** RHCSA 160-189-254
- **Linux Administrator - Open Intelligence:** 4008

Education

Academic Qualifications.....

- **Autonomus University of the State of Mexico**

- *Computing Management (Professional Identification Card: 08721908)*

Toluca

2008–2012

Communication skills

- **Spanish:** Native Speaker
- **English:** C1