

Francisco Moctezuma

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San Antonio,
Texas

Always learning Engineer, focused on cloud computing using open source technologies, and diverse cloud platforms.

I started my cloud journey at T-Systems(a Deutsche Telekom Company) back in 2010, providing Linux support for customers around US and Europe.

Working there I developed/deployed an Openstack environment using recycled hardware only, and started a Research & Development lab for the SAP team, experimented with Hadoop and Container technologies such as Docker and Kubernetes. This R&D lab still running and it's an official project now. (More info about this lab <https://goo.gl/2xdmdL>)

After that I had the opportunity to work with Openstack and cloud technologies at Rackspace, where I joined in 2016 as Openstack administrator, doing deployments at corporate scale, recently moved as Kubernetes SME helping customers to succeed running k8s on productive workloads.

Recently I've been porting/running Tensorflow on Kubernetes on PPC64LE hardware and Tesla GPU's, to be able to run Machine Learning in the cloud.

On my spare time I love riding Motorcycles and experiment with AIY from Google.

Industry Experience

Rackspace, the #1 managed cloud company

Cloud Container Engineer - Kubernetes SME

03/2018 – 03/2019

- Kubernetes solutions design and support for customers, mainly running on top of Openstack and Azure AKS
- Contributing with internal Rackspace Kubernetes as a Service solution, taking part of the solution and design meetings.
- Implementing/testing new tools and solutions that can be part of Kubernetes as a Service project.
- Process automation as part of the daily basis for Kubernetes support team
- Researching on complex integrations, most recently Tensorflow on Kubernetes on PPC64LE

Rackspace, the #1 managed cloud company

Openstack Administrator II

03/2016 – 03/2018

- OpenStack Ansible deployments, project based on LXC containers
- Deployed Kubernetes Clusters with Terraform and Tectonic installer
- OpenStack integration on complex environments, in customer datacenters or Rackspace data centers
- Assisted on solutions architectural calls with customers as part of the solution design.
- Reported/Fixed/Documented bugs related with Managed Kubernetes project and Openstack Ansible.
- Escalation support for newcomers Deployment Engineers.

T-Systems (A Deutsche Telekom company)

Sr. Storage & Systems Administrator

08/2010 – 03/2016

- Primary storage management Engineer, escalation point of top 25 customers in multiple US locations
- Customer technical lead for storage systems running Netapp.
- Design and implementation of performance solutions related with Storage IO performance in Oracle Databases
- Designed a private cloud solution based on OpenStack and Ceph
- Linux infrastructure support on different T-Systems data centers (America, Asia and Europe).
- Linux best practices implementation.

Education

Degree in Computer Science- Instituto Tecnológico Superior de Xalapa

Certifications

Certified Kubernetes Administration CKA-1700-0199-0100

Certified OpenStack Administrator - COA-1600-0122-0100

Skills

Linux, Cloud computing, Openstack, AKS, containers, Kubernetes, Golang