Jesús Adolfo Parra Parra

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Spanish: Native   **English**: B2

Skills

General

• Automation • DevOps • Cloud infraestructure Administration
• Linux operation and administration • Containerization

Programming Languages

Intermediate   • Java • Unix Shell • JavaScript • Ruby • Python • SQL

Basic   • C • C++ • CSS • Haskell • Prolog

Frameworks

Intermediate   • Nodejs

Basic   • Django • Ruby on Rails • Angular 2

Technologies and tools

• Ansible • Jenkins • Docker • Kubernetes • git • AWS & GCP
• Networks services • Debian GNU/Linux • PostgreSQL • RabbitMQ

Experience

Opticca Consulting, Montréal | DevOps Engineer

April 2018 - Present

- Delivered Automation of OS and platform migration and upgrade using Ansible. Migrated solutions include webMethods MWS, Oracle on Windows plaforms.

- Cloud infraestructure maintenance - AWS

- Container installation and configuration with Openshift and Docker

Projects:

- Build PaaS-like solution to host internal (IT) tools, based on Kubernetes.
- Review and improvement of DevOps pipeline for legacy java apps.
- Design and implementaion of a DevOps pipeline in Google Cloud Platfrom.
- Design and implemenation of deployment step in Google Cloud Plaform. The Deployment will be launched automatically only when a new docker image (with a specific tag) was pushed.
- Automation of installation and deployment of Sofware AG components on a virtual Environment composed of VMs Cluster and a remote database server.

Servicios ZOI, CA, Caracas | Computer System Analyst + System Administrator

Jul. 2017 - Apr. 2018

- Installed and set up of networking services: DNS, Apache, NGINX, PostgreSQL, LDAP, NFS.
- Designed and developed new features in the main backend API and its auxiliaries microservices using Nodejs.
- Set up and mantained several AWS services including EC2, Route53, IAM, S3.
- Automated many error prone tasks using Ansible.
- Designed an asynchronous interprocess communication using RabbitMQ.
- Evaluated and tested Docker as a tool to improve the development work.
- Installed and set up a server with Jenkins to run automatic tests of several projects.

Network and Databases LAB, USB, Caracas | System Adminsitrator

May 2015 - Jul. 2017

- Installed and set up of networking services: DNS, Apache, NGINX, PostgreSQL, LDAP, NFS.
- Built a virtualization infraestructure under Linux Containers.
- Installed all computers of a computerized lounge through network booting.
- Guided and trained a team of 5+ fellow student about system administrator skills and critical IT services.

Computer Academic lab, USB, Caracas | President

Jan. 2012 - May 2015

- Guided and trained a team of 10+ fellow student about system administrator skills and critical IT services.
- Installed and set up of networking services: DNS, Apache, NGINX, PostgreSQL, LDAP, CUPS, Oracle, NFS.
- Built a virtualization infraestructure under Xen, OpenVZ and KVM.
- Operated and maintained several servers from many vendors, including IBM, Oracle, SUN, Dell and HP, tape drives, SAN devices, switches and routers.

Courses

Google Cloud On Cousera

- Architecting with Google Cloud Platform (Mar. 2019)
- Developing Applications with Google Cloud Platform (Sept. 2018)

Red Hat

- Red Hat Delivery Specialist - Cloud Automation (May 2018)
- Red Hat Delivery Specialist - Platform-as-a-Service (PaaS) (Administration) (Jun. 2018)
- Red Hat Delivery Specialist - Platform-as-a-Service (PaaS) (Development) (Jun. 2018)

Johns Hopkins University On Cousera

- Rails with Active Record and Action Pack (Sept 2016)
- Ruby on Rails: An Introduction (Aug 2016)

Education

Simon Bolivar University

Bachelor's Degree in Computer Engineering Sep. 2010 - Nov. 2017 | Caracas, VE