Jesús Adolfo Parra Parra

jesus@adolfoparra.com.ve | 1700 Av. Papineau, app. 306 Montréal, QC
Github:// zargex   Linkedin:// jadolfoparra
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

Ericsson, Montréal | DevOps Consultant

Nov. 2019 - Present

Build PaaS-like solution to host internal (IT) tools, based on Kubernetes

Fairstone, Montréal | DevOps Consultant

May 2019 - Oct. 2019

Review and improvement of DevOps pipeline for legacy java apps

- Review and improvement of software pipeline using Jenkins
- Automation of building and deployment of several legacy java projects

Ellisdon, Toronto | DevOps Consultant

Dec. 2018 - Mar. 2019

Design and implementaion of a DevOps pipeline in Google Cloud Platfrom

- Design and implementation of DevOps pipeline using Google Cloud Build.
- The pipeline runs the following steps automatically: checking out the code, unit / integration test, quality test, compliance enforcement and automatic deployment
- Integrating the pipeline with GitHub and Google Kubernetes Engine.
- Creation of Helm charts to manage deployments in kubernetes.
- Set up kubernetes ingresses to allow external traffic.

Woodbine, Toronto | DevOps Consultant

Nov. 2018 - Dec. 2018

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.

- Configuring Cloud Pub/Sub to send message when a new docker image is available.
- Design and implementation of a Nodejs program which listen a Pub/Sub topic, download file from Cloud Storage and deploy automatically new images in GKE if conditions are meet.
- The Nodejs program is deployed in kubernetes in its own namespace.

Videotron, Montréal | DevOps Consultant

Jul. 2018 - Sep. 2018

Automation of installation and deployment of Sofware AG components on a virtual Environment composed of VMs Cluster and a remote database server.

- Design and configuration of automation infraestructure
- Template different installation and upgrading script using Jinja2 and XML
- Design and implementation of a deployment script for webMethods Integraton Server and My webMethods Server installation
- Design and implementation of a script for configuration, connection and upgrade of the database
- Design and implementation of a deployment script for the upgrade and migration of the webMethods Integraton Server and My webMethods 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

Couserwork

Undergraduate

Databases Systems.

Operating Systems.
Artificial Intelligence.
Functional Programming.
(Research Asst. & Teaching Asst) System administrator at computer labs.

Interests

Databases Systems.
Operating Systems.
Open source software and its culture.
Embedded programming.
Strategic and management simulation games.