Jesús Adolfo Parra Parra

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LINKS

Github:// **zargex**
LinkedIn:// **jadolfoparra**

SKILLS

GENERAL

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

PROGRAMMING LANGUAGES

Intermediate:
Java • Unix Shell • JavaScript
Ruby • Python • Git
C • C++ • SQL
Basic:
CSS • Haskell • Prolog

FRAMEWORKS

Intermediate:
Nodejs
Basic:
Django • Ruby On Rails • Angular 2

TECHNOLOGIES AND TOOLS

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

LANGUAGES

Spanish: Native
English: B1

EDUCATION

SIMON BOLIVAR UNIVERSITY

Bachelor's Degree in Computer Engineering
09/2010 - 11/2017 | Caracas, VE

EXPERIENCE

OPTICCA CONSULTING, MONTRÉAL | DevOps Engineer

April 2018 – Present | Montréal, CA
- Delivered Automation of OS and platform migration and upgrade using Ansible. Migrated solutions include webMethods MWS, Oracle on windows platforms.
- Cloud infrastructure maintenance - AWS
- Container installation and configuration with Openshift and Docker

FAIRSTONE, MONTRÉAL | DevOps Consultant

MAy 2019 – Present | Montréal, CA

Review and improvement of DevOps pipeline for legacy java apps

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

ELLISDON, TORONTO | DevOps Consultant

Dec. 2018 – March 2019 | Toronto, CA

Design and implementation of a DevOps pipeline in Google Cloud Platform

- 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 | Montréal, CA

Design and implementation of deployment step in Google Cloud Platform. 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.

COURSEWORK

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.

OBJECTIVE

To work in areas which require cleverness, knowledge and creativity to solve problems and challanges, also to work in an environment that allows me to contribute in the development of tasks which require my technical skill set and in the same time have the chance to learn from other people.

EXPERIENCE

VIDEOTRON, MONTRÉAL | DevOps Consultant
Jul. 2018 – Sept. 2018 | Montréal, CA

Automation of installation and deployment of Software AG components on a virtual Environment composed of a 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 | Computer systems analyst + System Administrator
July 2017 – April 2018 | Caracas, VE

- 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 | System Administrator
May 2015 – July 2017 | Caracas, VE

- 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 | President
Jan 2012 – May 2015 | Caracas, VE

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