

# Jesús Adolfo Parra Parra

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## LINKS

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

## SKILLS

### GENERAL

- Cloud infrastructure Administration
- Linux operation and administration
- Automation
- DevOps
- Containerization

### PROGRAMMING LANGUAGES

Intermediate:

- Java
- Unix Shell
- JavaScript
- Ruby
- Python
- SQL

Basic:

- C
- C++
- CSS
- Haskell
- Prolog

### FRAMEWORKS

Intermediate:

- Node.js

Basic:

- Django
- Ruby On Rails
- Angular 2

### TECHNOLOGIES AND TOOLS

- Terraform
- Ansible
- Jenkins
- Docker
- Kubernetes
- AWS
- GCP
- Network services
- Debian GNU/Linux
- PostgreSQL
- RabbitMQ
- git

## LANGUAGES

SPANISH: NATIVE

ENGLISH: C1

## EDUCATION

**SIMON BOLIVAR UNIVERSITY**  
BACHELOR'S DEGREE IN COMPUTER  
ENGINEERING

Sep. 2010 - Nov. 2017 | Caracas, VE

## CERTIFICATES

**RED HAT CERTIFIED SPECIALIST IN  
ANSIBLE AUTOMATION**  
Oct. 2020

## EXPERIENCE

### OPTICCA CONSULTING, MONTRÉAL | DEVOPS ENGINEER

April 2018 – Present | Montréal, CA

#### Projects:

- Allowed 10-20 departments to use computing resources and host internal tools by helping to build PaaS-like solution, based on Kubernetes.
- Facilitated to deploy updates to 2 important legacy java apps by reviewing and fixing DevOps pipeline.
- Decreased time to market and augmented developers productivity by designing and implementing a DevOps pipeline in Google Cloud Platform.

### SERVICIOS ZOI, CA | COMPUTER SYSTEMS ANALYST + SYSTEM ADMINISTRATOR

July 2017 – April 2018 | Caracas, VE

- Boost resilience against internet outages in the local testing environment by using local networking services: DNS, Apache, NGINX, PostgreSQL, LDAP, NFS. Saving 100% of the time if they happen.
- Expanded the capabilities of the core product designing and developing 7 new features for the main backend API and its auxiliaries microservices using Node.js.
- Guided modernization of office IT while empowered developers to focus in more important tasks by using AWS cloud services like EC2, Route53, IAM, S3.
- Reduced errors caused by repetitive manually run tasks by 10x using Ansible and lectured the team how to use it.
- Integrated multiple in-house services designing an asynchronous interprocess communication using RabbitMQ.

### NETWORK AND DATABASES LAB, USB | SYSTEM ADMINISTRATOR

May 2015 – July 2017 | Caracas, VE

- Taught group of 10 students about networking services like DNS, Apache, NGINX, PostgreSQL, LDAP, NFS, and how install them and maintain them.
- Maximized throughput of scarce 5 servers by building a virtualization infrastructure under Linux Containers.
- Let students to take their classes installing more than 20 computers of a computerized lounge through network booting.

### COMPUTER ACADEMIC LAB, USB | PRESIDENT

Jan 2012 – May 2015 | Caracas, VE

- Offered a wide range of services to more than 200 students and teachers by deploying and maintaining networking services: DNS, Apache, NGINX, PostgreSQL, LDAP, CUPS, Oracle, NFS.
- Improved utilization metrics of available computing resources by building a virtualization infrastructure 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.