

# Curriculum vitae

## PERSONAL INFORMATION

### Jesús Adolfo Parra Parra

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## JOB APPLIED FOR

### Software Developer

## WORK EXPERIENCE

01/07/2016–Present

### Computer systems analyst

Servicios ZOI, CA, Caracas (Venezuela)

- Setup and maintenance of networking services: DNS, Apache, Nginx, PostgreSQL, LDAP, NFS.
- Development of the main backend API and auxiliary microservices using nodejs.
- Setup and maintenance of AWS services (EC2, Route53, IAM, S3).
- Automatization of administration task through Ansible.
- Setup of a RabbitMQ server for asynchronous communications.

01/05/2015–01/07/2017

### System administrator

Network and Databases Lab, Caracas (Venezuela)

- Installation, setup and maintenance of network services: DNS, DHCP, web servers, databases servers, LDAP, NFS.
- Deployment of a virtualization infrastructure under Linux Containers.
- Automatic installation and setup of several computer using network booting.
- Training of others members about networking and system administration.

09/01/2012–27/03/2015

### President

Computing Academic Lab, Caracas (Venezuela)

As a head of the organization, conducted planning, budget design, teaching and IT-related task for the Computer Science and IT faculty at USB

Detailed achievements:

- Development of strong leadership and teaching skills as head of 15 lab workers team, in constant training.
- Hands-on experience on advanced networking and IT security concepts within production environment.
- Installation, configuration and maintenance of IBM, Oracle, Dell, and HP servers under Linux/Unix OSes along with Tape Drivers, Storage Area Network (SAN) devices, switches and routers.
- Configuration and maintenance of the computerized classroom setup, containing around 100 PCs.
- Setup and maintenance of networking services: DNS, DHCP, LDAP, CUPS, Mail Server and Webmail, NFS, Enterprise Backup solutions (Bacula), PostgreSQL and Oracle DB.
- Critical mission services provided to USB's Computer Science and IT professors.
- Building of virtualization infrastructure under Xen, KVM and OpenVZ, to provide scalable and isolated testing environments to professors and researchers.

## EDUCATION AND TRAINING

- 06/09/2010–30/11/2017 **Engineering of Computer Science**  
Universidad Simón Bolívar, Caracas (Venezuela)
- 05/01/2005–01/07/2010 **High School diploma**  
Liceo San José de Cagua, Caracas (Venezuela)

## PERSONAL SKILLS

Mother tongue(s) Spanish

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1	B1	B1	B1	B1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
Common European Framework of Reference for Languages

Job-related skills

- Systemd administrators skills (broadly experiences managing Linux servers)
- Programming languages:
  - Basic level: Python, Haskell, Prolog
  - Intermediate level: C/C++, Java, SQL
- Frameworks:
  - Basic level: Django, Ruby on Rails, Angular
  - Intermediate level: Nodejs

## ADDITIONAL INFORMATION

Courses

- Rails with Active Record and Action Pack by Universidad Johns Hopkins on Coursera, 11 Sept, 2016
- Ruby on Rails: An Introduction by Universidad Johns Hopkins on Coursera, 8 Aug, 2016

Presentations

- Introduction to Linux-HA, DRBD, STONITH:
  - Introduction to how to build a high availability cluster using Linux-HA, DRBD and exposition of STONITH technique. Apr. 2015
- Introduction to Nginx and LVS Load balancers:
  - Introduction to load balancing techniques and examples using Nginx and LVS. Apr. 2015

Certifications

- Judge of XVI Local Programming Contest, Caracas 2015
- Staff member of the Local Programming Contest, Caracas 2013
- Staff member of Latam Super Regionals Programming Contests, Caracas 2012