

# OLAF REITMAIER VERACIERTA

Cloud Solutions Architect & Full Stack Software Developer



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Caracas, Venezuela (German Citizenship)

## SUMMARY

Computer engineer with over 12 years of experience in leading and executing successful conversions of complex requirements into open source, Linux based and cloud enabled technical solutions, built using own datacenters, public cloud services and custom software developments, working with on/off-shore multi-disciplinary teams while reporting C-level stakeholders, for projects valued between \$2,5K and \$3,5M.

In my free time, I am also devoted German husband and beloved father of a girl.

## EDUCATION

### Computer Engineering

Simón Bolívar University ([www.usb.ve](http://www.usb.ve))

1999 - 2005

GPA  
3.86 / 5

## EXPERIENCE

### AWS IaaS Administrator (Freelance)

Olaf Reitmaier ([www.olafrv.com](http://www.olafrv.com))

01/2017 - Ongoing   Remote

- Deploy, configure, scale up-out and maintain AWS IaaS (per hour).

### Chief Solutions Architect

Dayco Telecom, C.A. ([www.daycohost.com](http://www.daycohost.com))

03/2014 - 02/2019

Caracas, Venezuela

Data Center & Cloud Service Latin American provider:

- Created a tailored solution for SAP R3 / S4 / HANA, HCI, Compute and Application Clusters, VoD/HLS and Disaster Recovery allowing its fast deploy in our datacenters which was 30% of revenue in two consecutive years
- Designed and deployed network architecture between two Venezuelan datacenters and a virtual location (Azure) increasing portfolio with 2 new products named: multi-cloud connection and managed cloud services
- Developed a template based backup system (PHP / MySQL / Bash) for 200 digital network multi-vendor devices which reduced the time needed to backup of all them from 1 week to 1 hour with no human errors
- Developed a monitoring web application prototype (NodeJS / MySQL / InfluxDB / Docker) which shows DevOps benefits, achieving the approval of a new containerization project (Linux/Docker) with estimated OPEX savings of \$25,000
- Designed and deployed a new container platform (Docker) to reduce the time, effort and complexity of testing and deployment new applications versions from 2 weeks to 10 minutes
- Automated (Bash) daily maintenance tasks of the Nagios monitoring system (1500 servers + 7500 sensors) which resulted in staff reduction from 3 to only 1 system administrator and zero maintenance downtime

## INDUSTRY EXPERTISE

Architecture / Pre-Sales / Service Delivery



Infrastructure / Systems Operations (SysOps)



AWS/Azure \*aaS Hands On & Scripting



Development Operations (DevOps)



Full Stack Software Development (Linux based)



Networking & Cyber Security



## LANGUAGES

German (A1)

Beginner ● ● ● ● ●

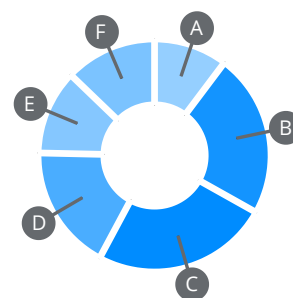
English (B2/C1)

Proficient ● ● ● ● ●

Spanish (C2)

Native ● ● ● ● ●

## MY TIME



- A Advising (Pre-Sales & Backend Teams)
- B Designing (PoC & Prod. Architectures)
- C Programming (Internal Projects)
- D Investigating (AWS / Azure / GCP)
- E Self-Recharge
- F Family Life Style

## Senior Architecture Specialist

Dayco Telecom, C.A. ([www.daycohost.com](http://www.daycohost.com))

📍 Caracas, Venezuela

📅 03/2014 - 09/2015

Data Center & Cloud Service Latin American provider:

- Implemented a new social network and SCRUM based agile process between pre-sales and architecture departments which reduced from 2 weeks to 3 days the time to elaborate commercial proposals
- Developed a business intelligence collection system (PHP / MySQL / SQL / Java / Bash) for the multi-tenant datacenter platforms which helped to reduce the human effort needed to audit 400 clients in the CMDB database from an average of 24 hours to 2 hours per client
- Developed a new Web password vault system (PHP / MySQL) to replace the legacy client/server monolithic Windows application reducing to 0% the number of end user reported incidents

## Chief of Data Processing Center

Executive Directorate of the Magistracy ([www.dem.gob.ve](http://www.dem.gob.ve))

📅 08/2009 - 03/2014 📍 Caracas, Venezuela

Information Development Office of the Justice Department:

- Migrated 80% of core systems, applications and services to an open source Linux based alternatives, increasing related licensing cost savings from \$250,000 to an annual estimate of \$500,000
- Designed and deployed a new storage platform to consolidate 80 million of justice document files (Alfresco / Java / PostgreSQL / HP 3PAR) reducing the statistical reports execution time from 48 hours to 2 hours
- Automated the configuration and maintenance tasks for 150 Linux servers with a new continuous integration platform (Puppet) reducing the 24x7 staff costs from 10 to only 1 system administrator working 5x8

## Senior System Analyst

Executive Directorate of the Magistracy ([www.dem.gob.ve](http://www.dem.gob.ve))

📅 03/2008 - 08/2009

Information Development Office of the Justice Department:

- Migrated 40% of core systems, applications and services to a Linux based open source alternatives, increasing related licensing cost savings to an annual estimate of \$250,000
- Deployed a new online documentation portal (DokuWiki/PHPBB) to organize, share and audit all the documentation produced by over 60 support technicians reducing on-board training from 3 month to 1 week

## Semi-Senior System Analyst

National Center of Information Technology ([www.cnti.gob.ve](http://www.cnti.gob.ve))

📅 06/2007 - 03/2008 📍 Caracas, Venezuela

Technology Office for Public Sector Assessment:

- Define and developed a new software quality evaluation methodology and its Web application (PHP / MySQL) which reduced the evaluation and selection process for the official software from 9 months to 1 month
- Designed a Web application (PHP / MySQL) to track any custom software development methodology allowing 50 startups to define artifacts, roles and tasks to justify and obtain an individual an initial financing up to \$100,000



**Portfolio**

[www.olafrv.com](http://www.olafrv.com)



**GitHub**

[github.com/olafrv](https://github.com/olafrv)



**LinkedIn**

[linkedin.com/in/olafrv](https://linkedin.com/in/olafrv)



**Twitter**

[twitter.com/olafrv](https://twitter.com/olafrv)

## COURSES & EVENTS

**AWS Solutions Architect Certified Associate**

[www.acloud.guru](http://www.acloud.guru). December 2018 - On Going.

**Azure Certified Solution Architect Expert**

[www.udemy.com](http://www.udemy.com). December, 2018 - On-Going.

**Competency Development for Executives**

Advanced Administrative Studies Institute (IESA), Caracas, 2018

**An Own Leadership Style**

Advanced Administrative Studies Institute (IESA), Caracas, 2018

**ITIL v3 Incident, Problem, Change, Configuration and Release Management (Refreshment)**

Dayco Telecom (Daycohost), Caracas, 2017

**Gartner Data Center & Infrastructure**

Gartner Summit, Las Vegas, USA, 2016

**Inspiring Leaders**

MargaritaTrainers, Caracas, 2015

**Gartner Data Center & Infrastructure**

Gartner Summit, Las Vegas, USA, 2014

**Control, Management & Leadership**

Global Knowledge IT, Caracas, 2012

**Jboss Server Administration**

Coop. TI Soluciones 793, Caracas, 2010

**IT Infrastructure Security**

Softtrain, Caracas, 2010

**Perimetral Security Administration (Linux)**

Coop. TI Soluciones 793, Caracas, 2009

**Citizen Attention in Public Service**

National Magistracy School, Caracas, 2009

## EXPERIENCE

### Networks and Systems Coordinator

Suiche7B Corporation ([www.suiche7b.com.ve](http://www.suiche7b.com.ve))

Caracas, Venezuela

09/2005 - 02/2007

ATM/POS switching enterprise integrated with VISA and MASTERCARD:

- Re-designed and developed a new Web application (PHP / MySQL / DB2) to replace the legacy conciliation system for the IBM mainframe reducing the daily system downtime average from 2 hours to zero
- Developed a batch application (Java / DB2) to send the compensation with Central Bank of Venezuela (BCV) for all the transactions stored in the IBM mainframe reducing the compensation process from 1 Week to 1 day
- Deployed and tuned a centralized card fraud detection system (VB / SQL Server) for 10 banks improving fraudulent withdrawals detection from manual 48 hours 5% effectiveness to 90% using custom business rules.

### Software Developer

Simon Bolivar University ([www.usb.ve](http://www.usb.ve))

Caracas, Venezuela

05/2002 - 09/2005

Dean of Research and Development of the Simon Bolivar University:

- Developed a Web application (PHP / MySQL) to register, query and publish online all academic research publications which reduced the creation of the annual investigation report of the university from 6 month to 3 days

### Software Developer (Internship)

Telefónica ([www.telefonica.com](http://www.telefonica.com))

Caracas, Venezuela

04/2005 - 09/2005

Spain based global communications service provider:

- Developed a conciliation system (PHP / Oracle) which compares subscribed contracts, installed projects and invoices of dedicated network links and detects income losses (found \$100,000 year losses on first run)

## TECHNOLOGIES

### Solutions Architecture

On-Premise

Public Cloud

Web Scale

Cloud Native

Software Defined

IoT

Tiered

Layered

Clusters

Backup

DR

Unified/HCI

VDI

BigData

Analytics

### Full Stack Software Development

Apache

Nginx

HTML

CSS

JQuery

Bootstrap

CakePHP

Symfony

NodeJS

VueJS

MySQL

MongoDB

RedisCache

RabbitMQ

Git/SVN

LXC/Docker

Kubernetes

Postman

Unit

Code

Vim

Bash

Ubuntu

### Most Used Cloud Providers

AWS

Azure

Google Cloud Platform

DigitalOcean

Cloudflare

GitHub

Mailgun

Office365

G Suite

## COURSES & EVENTS

### Project Control & Management

BOGE Consultants, Caracas, 2009

### ITIL v3 Fundamentals

ATT Corporation, Caracas, 2008

### UML Business Modeling

ISCA, Caracas, 2008

### Software Development Modeling and the Rational Unified Process

ISCA, Caracas, 2008

### GeneXus Programming

National Information Technology Center, Caracas, 2007

### Process Management

Veritas of Venezuela, Caracas, 2006

### ISO 9000 Introduction & Sensibilization

Veritas of Venezuela, Caracas, 2006

### German Language (A1)

National Central University of Venezuela, Caracas, 2004

## STRENGTHS



#### Analytical

Listening carefully to my clients and using my technical expertise ease the creation of the product which fits their needs



#### Authentic

Unique solutions are possible when innovation and talent get together, so I always keep it in mind for running projects



#### Discipline

Keep the pace with technology needs constant effort to learn new things, which is imprinted in my work life



#### Responsibility

Working is the one way humans evolve together as a society, so it is equally important to honor assignments

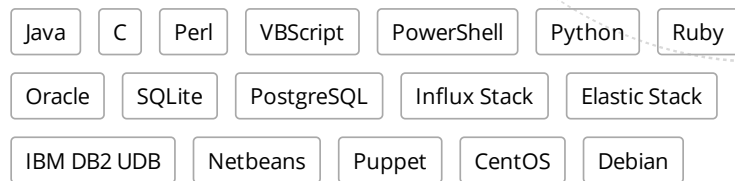
## REFERENCES

### José Fernández Ochoa

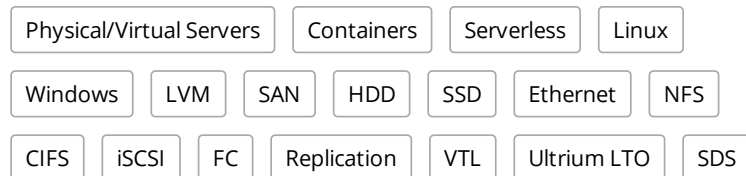
IBM - France - [www.ibm.com](http://www.ibm.com)  
[fernandezchoa@gmail.com](mailto:fernandezchoa@gmail.com)

## TECHNOLOGIES

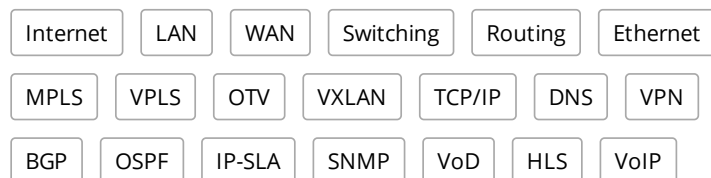
### Backend Software Development



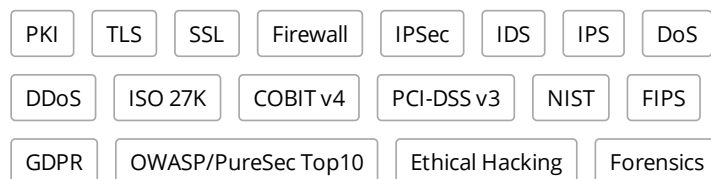
### Compute & Storage



### Networking



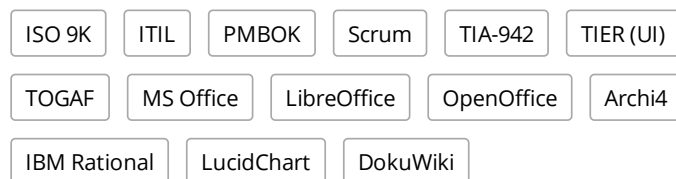
### Information Security



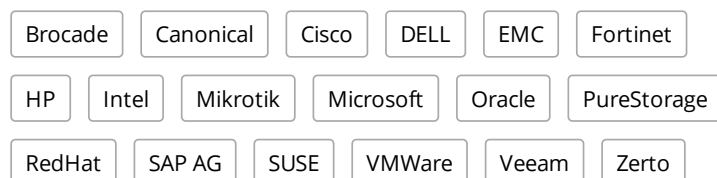
### Software Engineering & Project Management



### IT Infrastructure Management



### Most Used Vendors



## REFERENCES

### Javier Blanco León

Acierto - Spain - [www.acierto.com](http://www.acierto.com)  
[jablanco@gmail.com](mailto:jablanco@gmail.com)

### Francisco Lárez

Forbes Bros, Ltd. - Canada - [forbesbrosLtd.ca](http://forbesbrosLtd.ca)  
[flarez@forbesbrosLtd.ca](mailto:flarez@forbesbrosLtd.ca)

### Alberto Briceño

Daycohost - Venezuela - [www.daycohost.com](http://www.daycohost.com)  
[ab@daycohost.com](mailto:ab@daycohost.com)

## PASSIONS



### Cinema

Sci-Fi & Horror



### Technology

Speaking & Coding & DIY PCs



### Nature & Sport

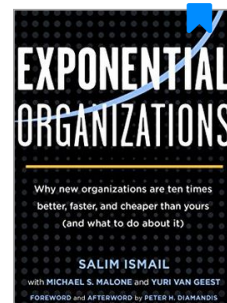
Sightseeing & Jogging



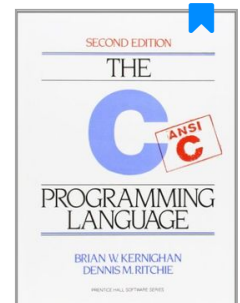
### Cruises

[www.royalcaribbean.com](http://www.royalcaribbean.com)

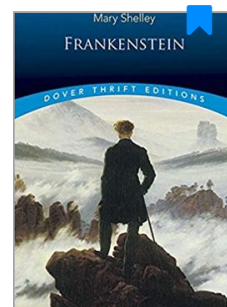
## BOOKS



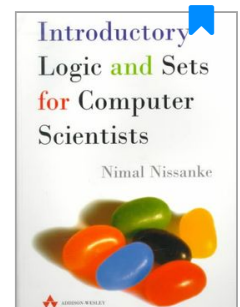
Exponential Organizations  
Salim Ismail



The C Prog. Lang.  
Dennis Ritchie



Frankenstein  
Mary Shelley



Logic and Sets for CS  
Nimal Nissanke