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, hybrid and multi-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 to 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 one girl.

EDUCATION

BS in Computer Engineering

Simón Bolívar University (www.usb.ve)
📅 1999 - 2005

📍 Caracas, Venezuela

GPA
3.86 / 5

EXPERIENCE

Cloud Solutions Architect & Full Stack Software Developer

Freelance (Per Hour)   📅 01/2017 - Ongoing   📍 Internet

- Design, deploy, configure, scale up/out and maintain cloud native solutions for a small but diverse group enterprises using AWS and Microsoft Azure

Chief Solutions Architect

Dayco Telecom, C.A. (www.daycohost.com)   📅 03/2014 - 01/2019

📍 Caracas, Venezuela

Latin American datacenter and cloud service provider:

- Created a tailored solution for SAP R3 / S4 / HANA, Web Application Clusters and HCI clusters (w/Disaster Recovery) allowing its fast deploy in our own datacenters which was 30% of revenue in two consecutive years
- Designed and deployed network architecture between two Venezuelan datacenters and Microsoft Azure increasing portfolio with 2 new products named: multi-cloud connection and Azure 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
- Develop a micro-service based monitoring application prototype (NodeJS / MySQL / InfluxDB / Docker), achieving the approval of its development for replace current monitoring tools and reach OPEX savings of $25,000
- Designed and deployed a new - Docker centered CI/CD platform - aligned with Gartner DevOps guidelines which reduced the time of testing and deploying 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)

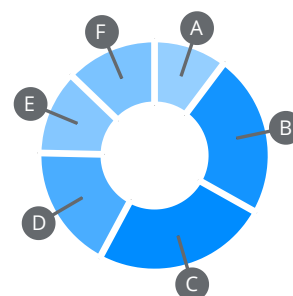AWS/Azure *aaS Hands On & Scripting

Development Operations (DevOps)

Full Stack Software Development (Linux based)

Networking & Cyber Security

LANGUAGES

German (A1)	Beginner	●●●●●
English (C1)	Proficient	●●●●●
Spanish (C2)	Native	●●●●●

MY TIME

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

EXPERIENCE

Senior Architecture Specialist

Dayco Telecom, C.A. (www.daycohost.com)   📅 03/2014 - 09/2015

📍 Caracas, Venezuela

Latin American datacenter and cloud service 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)

📅 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)

📅 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)

📅 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 process allowing 50 startups to define artifacts, roles and tasks to justify and obtain an individual an initial financing up to $100,000

COURSES & EVENTS

AWS Solutions Architect Certified Associate
www.acloud.guru. December 2018 - On Going.

Azure Certified Solution Architect Expert
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
Softrain, 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)   📅 09/2005 - 02/2007
📍 Caracas, Venezuela

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)   📅 05/2002 - 09/2005
📍 Caracas, Venezuela

Dean of Research and Development of the Simon Bolivar University:
- Developed a Google-like Web application (PHP / MySQL) to register, query and publish 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)   📅 04/2005 - 09/2005
📍 Caracas, Venezuela

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/Off-Premise | Private/Public Cloud | Web Scale / Cloud Native |

| Software Defined Anything | IoT | Multi-Tier/Layer | Clusters |

| Backup | DR | Unified/HCI | VDI | BigData | Analytics |

Cloud Service Providers & Solutions (Most Used)

| AWS | Azure | Google Cloud Platform | DigitalOcean |

| Cloudflare | GitHub | Mailgun | Office365 | G Suite |

Full Stack Software Development (Linux)

| Apache/Nginx | HTML/CSS/JS | SASS | Bootstrap/Bulma |

| JQuery/UI | CakePHP/Symfony | NodeJS | VueJS | MySQL |

| MongoDB | Redis/Rabbit | Git/SVN | LXC/Docker/Kubernetes |

| Postman | UnitTests | VS Code | Vim | Bash | Ubuntu |

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
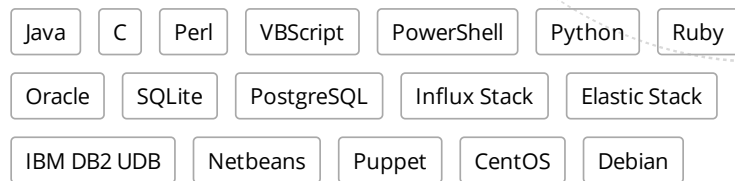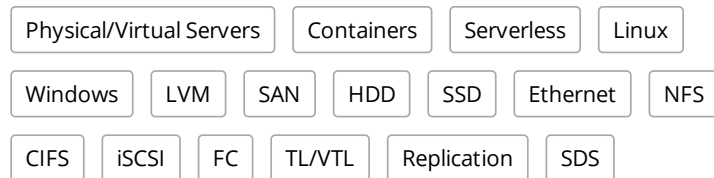
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José Fernández Ochoa
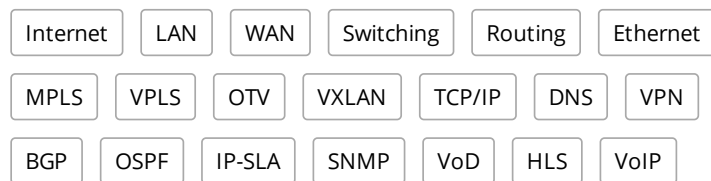IBM - France - www.ibm.com
fernandezochoa@gmail.com

TECHNOLOGIES

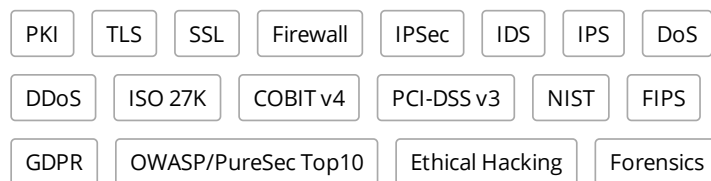### Backend Software Development (Windows/Linux)

Java · C · Perl · VBScript · PowerShell · Python · Ruby

Oracle · SQLite · PostgreSQL · Influx Stack · Elastic Stack

IBM DB2 UDB · Netbeans · Puppet · CentOS · Debian

Compute & Storage

Physical/Virtual Servers · Containers · Serverless · Linux

Windows · LVM · SAN · HDD · SSD · Ethernet · NFS

CIFS · iSCSI · FC · TL/VTL · Replication · SDS

Networking

Internet · LAN · WAN · Switching · Routing · Ethernet

MPLS · VPLS · OTV · VXLAN · TCP/IP · DNS · VPN

BGP · OSPF · IP-SLA · SNMP · VoD · HLS · VoIP

Information Security

PKI · TLS · SSL · Firewall · IPSec · IDS · IPS · DoS

DDoS · ISO 27K · COBIT v4 · PCI-DSS v3 · NIST · FIPS

GDPR · OWASP/PureSec Top10 · Ethical Hacking · Forensics

Software Engineering

OO · MVC · MVVM · Microservices · APIs · Event Driven

CI/CD · Test Driven · DevOps · Rational UP · ISO 25K

Infrastructure & Project Management

ISO 9K · ITIL v3 · TIER Uptime Institute · TIA-942 · TOGAF

PMBOK · Scrum/Kanban · MS Office · Libre/OpenOffice

Archi4 · IBM Rational · LucidChart · DokuWiki

Most Used Vendors

Brocade · Canonical · Cisco · DELL · EMC · Fortinet

HP · Intel · Mikrotik · Microsoft · Oracle · PureStorage

RedHat · SAP AG · SUSE · VMWare · Veeam · Zerto
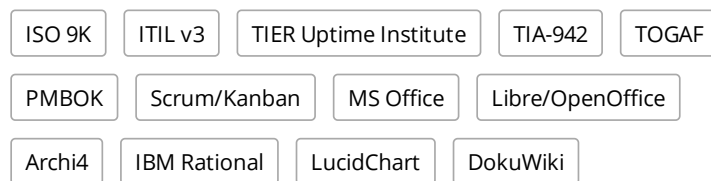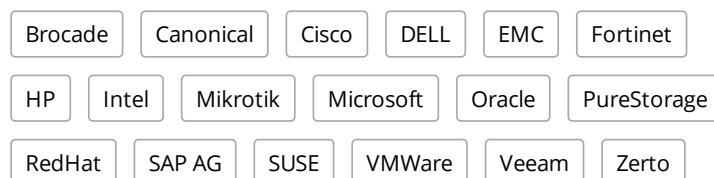
REFERENCES

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flarez@forbesbrosltd.ca

Alberto Briceño
Daycohost - Venezuela - www.daycohost.com
ab@daycohost.com

PASSIONS

Cinema
Sci-Fi & Horror

Technology
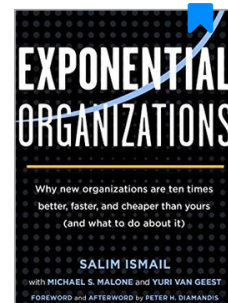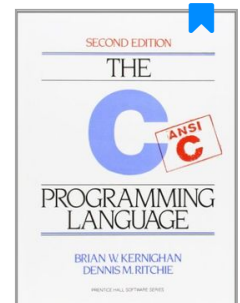Speaking & Coding & DIY PCs

Nature & Sport
Sightseeing & Jogging

Cruises
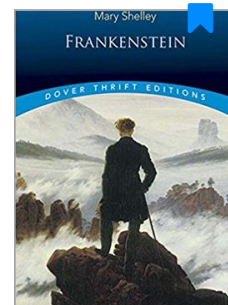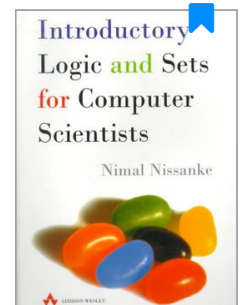www.royalcaribbean.com

BOOKS

Exponential Organizations
Salim Ismail

The C Prog. Lang.
Dennis Ritchie

Frankestein
Mary Shelley

Logic and Sets for CS
Nimal Nissanke