OLAF REITMAIER VERACIERTA

Cloud Solutions Architect & Full Stack Software Developer

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🔗 https://www.olafrv.com   📍 Caracas, Venezuela (German Citizenship)

SUMMARY

Solutions architect and software developer with over 12 years of experience in IT field, leading and executing successful conversions of complex requirements into open source cloud enabled technical solutions, built using own datacenters, public cloud services and custom software developments, for projects valued between $2,500 and $3,500,000. In my free time, I am devoted German husband and beloved father of a girl.

EDUCATION

Computer Engineering

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

GPA **3.86** / 5

Software Developer (Internship)

Telefónica (www.telefonica.com)   📅 04/2005 - 09/2005

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

EXPERIENCE

Chief Solutions Architect

Dayco Telecom / Daycohost (www.daycohost.com)   📅 03/2014 - Ongoing

📍 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
- Developed a set of scripts (Bash) to speed up 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 achieved zero maintenance related downtime

INDUSTRY EXPERTISE

Hybrid IT Solutions Architecture

Software Development (Open Source)

Development Operations (DevOps)

Systems Operations (SysOps)

Networking & Cyber Security

Infrastructure Management (ITIL)

Pre-Sales & Service Delivery

LANGUAGES

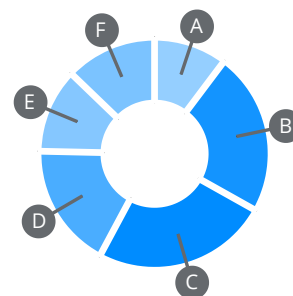|		
German	Beginner	● ○ ○ ○ ○
English	Proficient	● ● ● ● ○
Spanish	Native	● ● ● ● ●

MY TIME

- A Advising
- B Designing
- C Programming
- D Investigating
- E Self-Recharge
- F Family Life Style

EXPERIENCE

Senior Architecture Specialist

Dayco Telecom / Daycohost (www.daycohost.com)   📅 03/2014 - 09/2015

📍 Caracas, Venezuela

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)

📅 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

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 a customized software development methodology allowing 50 community startups to define artifacts, roles and tasks to justify and obtain an individual an initial financing up to $100,000

COURSES & EVENTS

Competency Development for Executives
Advanced Administrative Studies Institute (IESA), Caracas, 2018

ITIL Incident, Problem, Change, Configuration and Release Management
Dayco Telecom (Daycohost), Caracas, 2017

An own leadership style
Advanced Administrative Studies Institute (IESA), Caracas, 2018

Gartner Data Center & Infrastructure
Gartner Summit, Las Vegas, USA, 2016

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
Coop. TI Soluciones 793, Caracas, 2009

Citizen Attention in Public Service
National Magistracy School, Caracas, 2009

Project Control & Management
BOGE Consultants, Caracas, 2009

ITIL Fundamentals
ATT Corporation, Caracas, 2008

UML Business Modeling
ISCA, Caracas, 2008

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 (Monitor Plus / VBA / Microsoft SQL Server) for 10 banks improving fraudulent withdrawals detection from manual 48 hours 5% effectiveness to automated real-time 90% effectiveness

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 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

TECHNOLOGIES

Solutions Architecture

| On/Off-Premise Datacenter | Public/Private Cloud | Web Scale |

| Cloud Native | Software Defined | IoT | Multi-Tier | Layered |

| Cluster | Backup | Disaster Recovery | Unified Work & Comm. |

| VDI | BigData | Analytics | Hyper Convergent Infrastructure |

Full Stack Software Development

| Apache | Nginx | NodeJS | HTML | CSS | ECMAScript |

| JQuery | Bootstrap | PHP | CakePHP | Symfony (Twig) |

| VueJS | MySQL | MongoDB | Redis | RabbitMQ | LXC |

| Docker | Kubernetes | Rancher | Portainer | SVN | Git |

| Postman | Visual Studio Code | Vim | Bash |

Backend Software Development

| Java | C | Perl | VBScript | PowerShell | Python | Ruby |

| Oracle | SQLite | PostgreSQL | Influx Stack | Elastic Stack |

| IBM DB2 UDB | Netbeans | Puppet |

COURSES & EVENTS

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
fernandezochoa@gmail.com

Javier Blanco León
Acierto - Spain
www.acierto.com
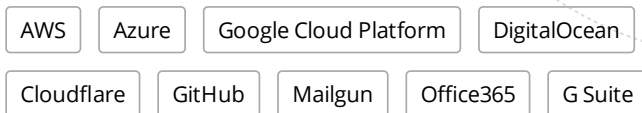jablanco@gmail.com

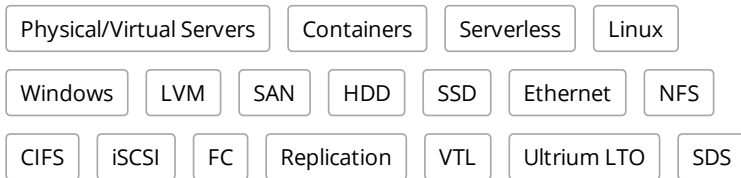**Francisco Lárez**
Forbes Bros, Ltd. - Canada
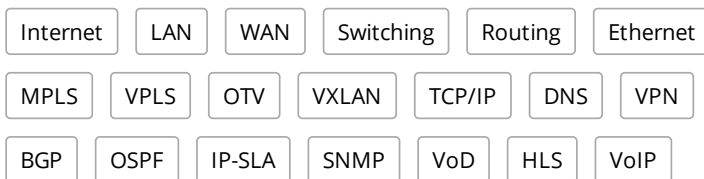forbesbrosltd.ca
flarez@forbesbrosltd.ca

TECHNOLOGIES

Most Used Cloud Providers

AWS | Azure | Google Cloud Platform | DigitalOcean

Cloudflare | GitHub | Mailgun | Office365 | G Suite

Compute & Storage

Physical/Virtual Servers | Containers | Serverless | Linux

Windows | LVM | SAN | HDD | SSD | Ethernet | NFS

CIFS | iSCSI | FC | Replication | VTL | Ultrium LTO | SDS

Networking

Internet | LAN | WAN | Switching | Routing | Ethernet

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

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

Security

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

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

GDPR | OWASP Web Top 10 | PureSec Serverless Top 10

Ethical Hacking | Pentesting | Forensics

Software Engineering & Project Management

MVC | MVVM | Web Services | API | CI/CD | DevOps

Agile UP | Kanban | XP | ISO 25K | Event & Test Driven

IT Infrastructure & Project Management

ISO 9K | ITIL | PMBOK | Scrum | TIA-942 | TIER (UI)

TOGAF | MS Office | Libre/OpenOffice | Archi4 | IBM Rational

LucidChart

Most Used Vendors

Brocade | Canonical | Cisco | DELL | EMC | Fortinet

HP | Intel | Mikrotik | Microsoft | Oracle | PureStorage

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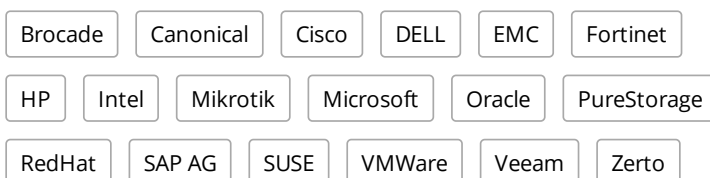
REFERENCES

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

Francisco López
Suiche7B - Venezuela
www.suiche7b.com.ve
flopez@suiche7b.com.ve

PASSIONS

Cinema
Sci-Fi & Horror

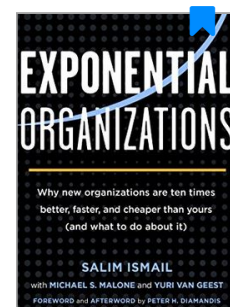**Technology**
Speaking & Coding & DIY PCs
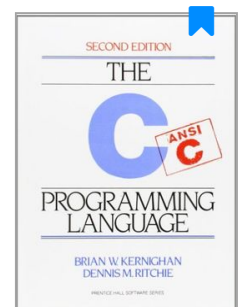
Nature & Sport
Sightseeing & Jogging

Cruises
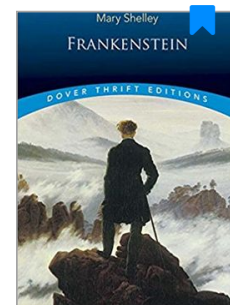www.royalcaribbean.com

BOOKS

Exponential Organizations
Salim Ismail

The C Prog. Lang.
Dennis Ritchie

Frankestein
Mary Shelley