OLAF REITMAIER VERACIERTA

Cloud Solutions Architect & Full Stack Software Developer

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

SUMMARY

Computer engineer with over 12 years of experience in IT field, 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, for projects valued between $2,500 and $3,500,000.

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) 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

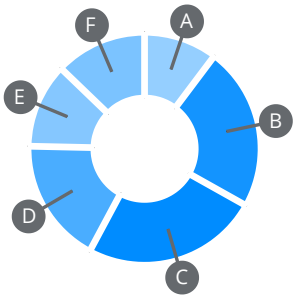
INDUSTRY EXPERTISE

- Hybrid IT Solutions Architecture
- Software Development (Open Source / Linux Based)
- Development Operations (DevOps)
- Systems Operations (SysOps)
- Networking & Cyber Security
- IT 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
- 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 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

FIND ME ONLINE

Olaf's Web Site
www.olafrv.com

GitHub
github.com/olafrv

Linkedin
linkedin.com/in/olafrv

Twitter
twitter.com/olafrv

COURSES & EVENTS

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

An Own Leadership Style
Advanced Administrative Studies Institute (IESA), Caracas, 2018

ITIL Incident, Problem, Change, Configuration and Release Management
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
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

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 | PHPUnit | VS Code | Vim | Bash | Ubuntu

Backend Software Development

Java | C | Perl | VBScript | PowerShell | Python | Ruby | Oracle | SQLite | PostgreSQL | Influx Stack | Elastic Stack | IBM DB2 UDB | Netbeans | Puppet | CentOS | Debian

COURSES & EVENTS

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
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

Information 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 Management

ISO 9K | ITIL | PMBOK | Scrum | TIA-942 | TIER (UI) | TOGAF | MS Office | LibreOffice | 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

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

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

PASSIONS

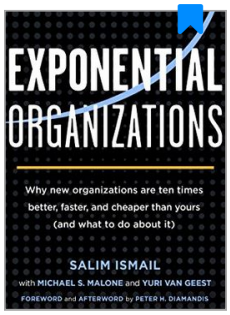
Cinema
Sci-Fi & Horror

Technology
Speaking & Coding & DIY PCs

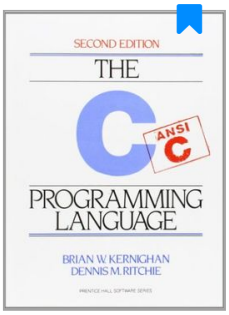
Nature & Sport
Sightseeing & Jogging

Cruises

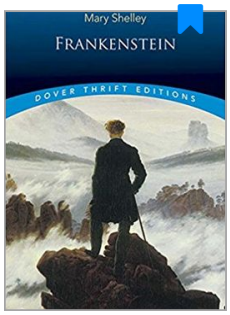
BOOKS



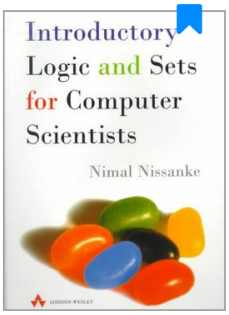
Exponential Organizations
Salim Ismail



The C Prog. Lang.
Dennis Ritchie



Frankestein
Mary Shelley



Logic and Sets for CS
Nimal Nissanke