

Miguel Artacho

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Objective: Position as Senior DevOps / Systems Engineer that utilizes my skills and enables me to make a positive contribution to the organization.

Professional summary

- 20+ years of professional experience in Information Technologies.
- 15+ years of experience in Linux System Administration and Open Source.
- 15+ years of experience in Internet Technologies, security and networking.
- 7 years of experience leading multidisciplinary and sysadmin teams.
- 6+ years conducting DevOps, automation and Infrastructure-As-Code projects.
- Advanced expertise in virtualization, cloud services and scripting.
- Detail oriented and critical thinker with excellent analytical and problem solving skills.
- Self directed learner with demonstrated ability to share knowledge and expertise.
- Proven ability to lead and motivate team members, and to improve processes and standards.
- Fluent in English and Spanish.

Skills and experience

- Operating Systems: GNU/Linux (RedHat, CentOS, Debian, ubuntu, Amazon Linux) and Unix.
- Cloud / virtualization: AWS, Softlayer (IBM cloud), OpenStack, OVH, VMWare.
- DevOps / SysAdmin: Ansible, Terraform, bash scripting, git, Puppet, BitBucket, Bamboo, sssd, AD/OpenLDAP, logstash, Nagios, Zenoss, freeIPA, NoMachine, PagerDuty, Slack.
- Network: Cisco CCNA, Enterasys, VPN, NAT, vLANs, TCPDump, IPTables.
- Internet Services: OpenLDAP, PostFix, Exim, Apache, Tomcat, DNS Bind, Squid, nginx, ejabberd, sftp.
- Security: ISO27001, SOC2, penetration tests, linux security hardening. network security.
- Design and implementation: Led migration to AWS, Led AWS and SoftLayer automation with Ansible, Data Center design. DMZ design and LAN/WAN access (GNU/Linux)
- Databases: MySQL/MariaDB, postgresQL and Informix.
- Team lead: CMMI, ITILv2

Employment History

Senior DevOps Engineer, Rev, Madrid (Spain) / Austin TX **04/2019 – 10/2019**
Rev World Wide is a payment solution with important clients like MasterCard with headquarters in Austin, TX, USA.

- Deploying and administrating 3 Kubernetes clusters in AWS (EKS) using Ansible and Terraform. (IAM, EKS, CloudWatch)
- Implemented openLDAP / SSSD for central user management.
- Reconfigured ElasticSearch and fluent-bit for central logging system.
- Updated Bamboo servers and defined CI/CD pipelines for the development teams.
- System Administration of 200+ servers in AWS with Ansible and Terraform.

AWS Cloud Engineer, Zooplus, Madrid (Spain) **04/2019 – 10/2019**
Zooplus is a european leader as online retailer of pet food and supplies with headquarters in Munich, Germany.

- Deployed AWS infrastructure for Cloud Governance and monitoring (IAM, RDS, Kinesis, EKS, CloudWatch, Lambda, etc) using Ansible, Bash and Python. DevOps tools: Bitbucket, Jenkins, Jira, Confluence.
- Cooperated in the adoption of best practices and processes.

DevOps Engineer, Loyalty One, Toronto (Canada) 08/2017 – 04/2019

Precima is an Alliance Data company with important retail clients in North America and Europe.

- Principal SysAdmin of 200+ GNU/Linux servers (Amazon Linux, RedHat, Ubuntu, AWS)
- Introduced Ansible as configuration management tool (Infrastructure, SysAdmin, DR)
- Led the automation of the environment (bash, Ansible, ssh-key management).
- Contributed to the DevOps CI/CD implementation (BitBucket, Bamboo, JiraCloud)
- Supported Cloud Analysts, Cloud Engineers and Data Analysts.

Application Support Specialist, IBM, Toronto (Canada) 07/2014 – 08/2017

Algo Risk is an IBM risk analysis online software with important clients like JPMorgan

- Principal SysAdmin of 500+ bare metal GNU/Linux servers (IBM datacenter, RedHat, CentOS, VMWare).
- Principal SysAdmin for the migration of part of the infrastructure to the cloud using Ansible (IBM cloud, RedHat, ansible, bash, IPA)
- Principal in the lock down of a Linux Desktop as application server for the clients.
- Contributed to the automation of the environment (bash, Ansible, init scripts, DR).
- Led troubleshooting, monitoring and security (New Relic, DUO, SSL, Apache, ssh)
- Supported Risk Analysts and Technical Consultants.

Systems Infrastructure Team Lead, Afiliias, Toronto (Canada) 01/2013–07/2014

Afiliias is a global leader in advanced Internet registry services

- Administrated and automated 500+ GNU/Linux servers (Puppet, RedHat, CentOS, ubuntu, VMWare, OpenStack).
- Coordinated the infrastructure implementation in AWS (AWS API, Puppet, bash)
- Led a team of nine systems administrators responsible for services as Bind, Exim, Ejabberd, OpenLDAP, Kerberos, Zenoss, Git, Puppet Enterprise, Nagios, OpenStack implementation and the migration to AWS.
- Improved processes and managed troubleshooting following the ITIL framework.

Systems Administrator, Frontline Technologies, Toronto (Canada) 08/2012 – 12/2012

Frontline Technologies was a company specialized in fully managed IT outsourcing services

- Administrated 20+ GNU/Linux servers and web services (RedHat, Debian)
- Responsible for the SpamAssassin anti-spam service and the mail servers (PostFix)
- Administrated 20+ OpenSolaris storage systems (ZFS).

Pre-sales Engineer, GSMA/Unitronics, Mobile World Congress, Barcelona (Spain) 11/2011 – 04/2012

Mobile World Congress is the world's largest exhibition for the mobile industry.

- Assisted exhibitors with the Internet Services and led a team of six technicians to deploy and support these services. Activities generated \$3 million net income. (CISCO) Wireless.

Technical Director, Grupo 3C, Barcelona (Spain) 05/2011 – 11/2011

Grupo 3C is an Internet Marketing Leader with well known e-commerce clients like Privalia.

- Administrated 20+ GNU/Linux servers (Debian / RedHat).
- Led and trained a team of four developers and designers responsible for the development of LAMP applications.
- Technologies: GNU/Linux, OVH, LAMP, CMS, IPTables, CISCO NAS, DNS, Bash.

Technical Lead, CeroTres, La Rioja (Spain) 11/2009 – 03/2011

CeroTres was a start-up providing Internet Services and web development.

- Deployed and installed Internet gateway, services and online presence for 10+ companies.
- Technologies: GNU/Linux, OVH, IPTables, routing, CISCO switches, DNS, FTP, SMTP, HTML+CSS, SEO, SEM, Analytics.

Team Lead and Linux System Administrator, Rioja Salud, La Rioja (Spain) **02/1998 – 09/2009**
Rioja Salud is the Governmental Public Health System of La Rioja province, Spain.

Internet Services Team Lead , Rioja Salud, **2006 – 2009**

- Completed design, installation, management and documentation of the DMZ and Internet Access of the organization with CentOS / RedHat and VMWare (20+ servers).
- Designed and assisted in the deployment of the datacenter of the institution.
- Deployed and managed Linux based firewalls. LAN/WAN routing and NAT.
- Assumed responsibility for the Internet Services of the Institution (> 2.500 users and > 5.000 mailboxes) with Open Source technologies, such as Postfix, Apache, SSL, Bind, MySQL, IPTables, Squid, Sendmail, Nagios, OpenVPN, PHP, jQuery.
- Led the rewarded project www.riojasalud.es (Awarded in 2007 and 2009 as “Best Institutional Web” in Premios Web - larioja.com)

Linux system administrator and webmaster, Rioja Salud, **1998 – 2006**

- Provided HP-UX and GNU/Linux systems administration.
- Designed and deployed the corporate Intranet services.
- DMZ services, routing and firewalling (GNU/Linux, Apache, CISCO, SCO-Unix, Informix, Multibase, HTML, CSS, PHP, VNC, Windows)

Education

BA Computer Engineering, Polytechnic University of Valencia, Spain 1996

Technical Training

- AWS re:invent – Las Vegas (2018)
- Multiple Online training as Python, New Relic, Security, etc – Toronto (2014-2018)
- LISA'13 (27th Large Installation Systems Administration) – Washington DC (2013)
- Management Skills for an IT Environment. Learning Tree International - Toronto (2013)
- pyCamp (Python training) – University of Toronto. Toronto (2013)
- Workplace communication for IT professionals - Ryerson University. Toronto (2012)
- CISCO CCNA Exploration - Cas Training CISCO, Madrid, Spain (2011)
- Google Analytics and Search Engine Optimization – ThinkTic, La Rioja, Spain (2011)
- Professional English in Use Engineering - ThinkTic, La Rioja, Spain (2009)
- Web Applications Security - ThinkTic, La Rioja, Spain (2009)
- Service and Project Management Methodology. ITIL v2 - Rioja Salud, Spain (2009)
- Oracle 10G R2 - Certified Oracle Training, La Rioja, Spain (2009)
- Search Engines Optimization - ThinkTic, La Rioja, Spain (2008)
- IT Services and Security - ThinkTic, La Rioja, Spain (2008)
- Local Area Network Hardware and Technologies - Enterasys, La Rioja, Spain (2007)
- Internet Technologies and Services - Professional Training, La Rioja, Spain (2003)
- Network Technologies in Linux - Professional Training, La Rioja, Spain (2003)

Additional Information

Canadian and Spanish citizenship.

Personal projects: <http://lamaquinadiferencial.wordpress.com>
<http://www.tatxo.com/>

Open Source blog.
On-line contact.

Very interested in technologies like Terraform, Docker or Kubernetes and the entire DevOps and Infrastructure As Code philosophy.

Possibility to travel with preference for remote positions.