

Hamilton DanielCesario

SysOps Engineer

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languages

Portuguese mother
tongue
English & Spanish
fluency

programming

♥ Perl, Bash,
PowerShell, Python,
Ruby.

experience

2014–Now **CAPSiDE**

SysOps Engineer

Barcelona, Spain

- **FC Barcelona** Web Plataform Migration, LFP Ticketing system implementation, Mobile API Caching, SQL Server Always On (AWS).
- **Banc Sabadell Kevin** Azure Resource Manager architecture, Mongo DB Replica Set, Red/Black Deploy System.
- **TMB** Liferay based platform on Auto Scaling, ELK Stack Cluster, JBoss Backed system.
- **Sidetours** Cloud Infrastructure, MySQL Replication System on Auto Scaling automation.
- **El Punt Avui** Migration from Virtual Datacenter to Azure, MySQL Galera Cluster Implementation, Full Configuration management with Ansible.
- **Salud On Net** Azure IAAS ARM formation..
- **Grupo Prisa** Cloud DevOps Consultancy.
- AWS Advanced Solution Architect Official Course.
- AWS Solution Architect Certification.
- Azure for AWS professionals Official Course.
- AWS Solution Architect Certification.
- Cloud and System Automation Development for multiple purposes, mostly in Perl.
- Last OSS projects contributions: **Azure ARM Templates**, **Perl AWS SDK**, **RexOps Configuration Management System**.

2014–2014 **Opscaling**

SysOps Engineer

Barcelona, Spain

- **FC Barcelona** Cloud Infrastructure Management, Continuous Integration Implementation via git and Puppet, Auto Scaling Enhancements, Web Performance enhancements via CloudFront, S3, Varnish and Nginx.
- **Barcelona Digital** Big Data Technical consultancy and Automation on Elastic Map Reduce, Hive, GIS Tools for elastic Map Reduce and Spark.
- **Tuitele** Big Data Technical consultancy on Elastic Map Reduce, EC2 cluster scalability and automatization on cluster deployment.
- **La Vanguardia** Cloud Infrastructure, Configuration and System Management, Platform monitorization and Web Performance Enhancements.
- **Aedgency Performance-Based Marketing** Configuration, System Management, Platform monitorization on a highly automated and complex infrastructure.
- Cloud and System Automation Development for multiple purposes, mostly in Python.

2012–2014 **AppBridge Inc.**
Solution Architect

Barcelona, Spain

- **AppBridge** Project Design, Product Management, Cloud Architecture team leadership.
- Lead Perl core development team for the product **eBD Web Application Development Platform**, implementing scrum agile techniques, bringing the platform: new security modules, web rendering optimization system, Apache & MySQL version update, new look & feel and a new code editor.
- Private Cloud design and automation for the **eBDCloud** PAAS Product (CloudStack, Xenserver, Puppet, CentOS).
- Architecture and Scalable Design for the Social Networking **Fangazing**.
- Architecture and Scalable Design for the the **Webstore Telefonica Global Solutions**
- Technical Consultancy to eBD Web Application Development Platform clients, such as **Mapfre Florida, Telefonica Global Solutions, Grupo Serhs & Servei Català de Transit.**
- System Script development for multiple purposes, mostly Python and Perl.

2010–2012 **UPC Universitat Politècnica de Catalunya**
Junior SysOps

Barcelona, Spain

- Perl Developer at the **Smeagol Project**.
- LDAP UPCnet Integration.
- Samba Virtual File System Implementation.
- Network and System Administration Tasks.
- System Script development for multiple purposes, mostly Perl

previous experience

2008-2010 **CPET S.C.C.L**
I.T Manager

Barcelona, Spain

- Debian, LAMP, OpenVPN System Administration.
- Networking Administration for a distributed photocopier self service system at the **UPC Universitat Politècnica de Catalunya**.
- Implementation of a distributed remote OS recovery system.
- Implementation of a unified print quote system for the departments and students of the university.
- Software and Hardware negotiation and consultancy for investigation departments at the **UPC Universitat Politècnica de Catalunya**.
- System Script development for multiple purposes, mostly Perl and Bash.

2005-2007 **Netron ISP**
Junior System Administrator

Blumenau, Brazil

- FreeBSD LAMP system Administration.
- Networking Administration for RADIUS systems.

- System Script development for multiple purposes, mostly Bash.

professional skills

Cloud Computing:

- Amazon Web Services, Microsoft Azure.

System Administration:

- Unix(RH,Debian,MacOS & FreeBSD Based Systems), Configuration Management Tools (Ansible, Puppet), Version Control Systems (Git, SVN), Xenserver, VM Ware ESX, Nagios, Cacti, MySQL, MongoDB, Apache, Nginx, lvm ,ffmpeg/avconv, mod_pagespeed, Varnish,mod_security, mod_evasive, iptables, DNS, Zimbra, qmail,dhcpd, DNS, LDAP, Samba, mod_perl, mod_php, fastcgi, HAProxy, squid, Wireshark & pound.

Big Data:

- Hadoop, Hive, Spark, & Elastic Map Reduce.

Networking:

- Layer 7 Protocols: HTTP, HTTPS, FTP, SSH, SMTP/POP, Telnet, IRC, RTMP, RTMPT, BGP, RTP, RTSP, SAMBA, DNS, IMAP, LDAP, NTP & SIP.
- Layer 4 Protocols: TCP, UDP, GRE, AH & SCTP.
- Layer 3 Protocols: IPv4, IPv6, IPSec, IGMP, ARP,OSPF, RIP, ICMP, AH, SDH & SCTP.
- Layer 2 Protocols: Ethernet, 802.11, PPP, PPTP, STP & VTP.

Software Development:

- Script Crafting,Data Modeling, RESTful API Design and Development, Capistrano, Boto Interface Development, Catalyst, Mojolicious, Bottle, Mason,SQL, NoSQL, System modeling,MVC, Scrum, Git, SVN & VIM.

Managerial:

- Project Management, strong written and verbal communications, solution orientation, experience in multinational environments, team player & effective presentation skills.

education

2009–Now **Degree** of Telematics Engineer UPC - Universitat Politècnica de Catalunya
Specialization in Network Protocols and Software Development

2001–2007 **Bachelor** of Telecommunication Engineer Furb - Universidade Regional de Blumenau
Specialization in Telecommunication Systems

interests

professional: Unix, Open Source, Infrastructure Orchestration, IT Security, Cloud Computing, Network Protocols, Virtualization, Big Data,Design Patterns, Databases, Web Applications Design, API Design & Agile Team Management

personal: Music, Bass Playing, Cooking, Beer, Wine & Technology