Hamilton Daniel**Cesario**
DevOP

contact

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languages

Portuguese mother
tongue
English & Spanish
fluency

programming

♥ Python, Puppet, Perl
Bash, Ruby, JavaScript,
C, C#, SQL
CSS3 & HTML5

experience

2014–Now **Opscaling** Barcelona, Spain
DevOps Engineer

- **FC Barcelona** Cloud Infrastucture Management, Continuos Integration Implementation via git and Puppet, Automatic Scalability implementation, 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 automazation on the cluster deployment.
- **La Vanguardia** Cloud Infrastucture, Configuration and System Management, Platform monitorization and Web Performance Enchancements.
- **Aedgency Performance-Based Marketing** Configuration, System Management, Platform monitorization on a highly automated and complex infrastructure.
- Cloud and Systems Automation Development for multiple purposes, mostly in Python.

2012–2014 **AppBridge Inc.** Barcelona, Spain
Solution Architect

- **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 Politènica de Catalunya** Barcelona, Spain
DevOpS

- 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**   Barcelona, Spain
I.T Manager

- Debian, LAMP, OpenVPN System Administration.
- Networking Administration for a distributed photocopier self service system at the **UPC Universitat Politènica 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 Politènica de Catalunya**.
- System Script development for multiple purposes, mostly Perl and Bash.

2005-2007   **Netron ISP**   Blumenau, Brazil
Junior System Administrator

- FreeBSD LAMP system Administration.
- Networking Administration for RADIUS systems.
- System Script development for multiple purposes, mostly Bash.

professional skills

Big Data:

- Hadoop, Hive, Pig, Spark, Elastic Map Reduce & Gis Tools for Hadoop.

Cloud Computing:

- Amazon Web Services, Microsoft Azure, Apache CloudStack.

System Administration:

- Unix(RH,Debian,MacOS & FreeBSD Based Systems), Configuration Management Tools (Puppet, Salt), Version Control Systems (Git, SVN), CloudStack,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, Zebra, Quaggua, Wireshark & pound.

Networking:

- Layer 7 Protocols: HTTP, HTTPS, FTP, SSH, SMTP/POP, Telnet, IRC, RTMP, RTMPT, BGP, RTP, RTSP, SAMBA, DNS, IMAP, LDAP, rsync, 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,Web Applications design and development,Jenkins, Capistrano, Boto Interface Development, Catalyst, Mojolicious, Bottle, Django, 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 Politecnica 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