

# Fernando Battistella

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Reading your job ad at bamboohr.com I felt that it was written just for me. The traditional job requirements really fit me, and I was hooked by the inside scoop!

Right now I am working at Cloudster, a company that hired me for the exact reasons detailed on the inside scoop. My experience is well aligned with your requirements, and I am sure I would be a good addition to your team.

Once I started on cloud computing I just couldn't look back, and I've been frantically studying AWS services since then. Recently got my first certification (AWS Certified Solutions Architect – Associate) and am getting ready to test for the Sysop certification soon.

Feels like I copied from the job ad, but I am excited about building solutions in the cloud and really, any other option is misguided :) I do love getting dirty and doing things, putting it all to work. Automation IS the only way, and yes we could talk forever about it. Systems that deal with huge amounts of users are fun, but some clients just need that wee little webserver, and I'm just as happy to set that up for them.

Contacting clients, helping them figure out what they really need, and getting it all to work, from planning to implementation, developing custom tools, be it for the client or for internal use, is what I like to do.

I've lived in Toronto for a couple years and am looking forward to going back permanently. I am actually based in Brazil and am available to start as soon as I can get back in the TTC, there is no hockey nor poutine in here!

I don't have a valid work visa, but I am signed into Canada's Immigration and Citizenship Express Entry program under application number E000429254.

Please review my CV in the next few pages, and if interested we can setup an interview over Skype or phone.

Regards,

Fernando Battistella

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## AWS Certified Solutions Architect - Associate

### Systems and Network Administrator

I am a technology facilitator  
If it needs fixing, I'll make it happen  
If you need help, I'll help you  
If I don't know it, I'll learn it  
If it's hard, I'll make it easy  
If you don't know what you need, I'll help you figure it out

### Key Accomplishments

- Development of custom python (flask) powered websites/tools for automation of administrative tasks and client solutions (dashboards, automation tooling, etc...) at Cloudster
- Single handedly administrating AWS highly available services for around 40 different clients with Linux and Windows servers, databases and other AWS tools at Cloudster
- Complete overhaul of the network infrastructure at Escriba Informática (biggest notary software developer in Brazil), from cabling to servers, to automation of services and management (python/bash/puppet)
- Supervised the project and implementation of the network infrastructure and servers at the then largest Scania dealer in Latin America, Cotrasa (Mac OS X, Windows and Linux Servers)
- Implemented virtualization with VMware (5 server pool + storages + networking stack, serving 120+ VMs) and KVM at Escriba and Lages Promotora
- Automated administrative tasks through bash/python scripting (done once, done twice, third time it's got to be scripted!)
- Reduced support requests by making documentation available to users
- Integration of authentication systems using samba, active directory and ldap, effectively reducing the usage of more than 10 different passwords to 1 in various clients
- Reduced administrative overhead in IT by standardizing systems and procedures
- Reduced complexity for users by integrating authentication for network services against Active Directory

## Technology Summary

### AWS Services

(EC2/EBS/RDS/CF/CW/CT/Route53/AutoScaling/ElastiCache/SES/S3/VPC/IAM/SQS/SNS)

Ubuntu / Debian Linux	Windows	Datadog
RedHat / Centos Linux	VMware ESX	Bash / Python Scripting
NewRelic	Puppet	Git / Github / Bitbucket
DNS / DHCP / NTP	LAN/WAN Routing	Switches / VLAN / LAG
Zimbra	LDAP	NAS / SAN / DAS / iSCSI
NFS/CIFS	TCP/IP	Opsview / Nagios
VPN	Equallogic	Unix
Jira	Kayako	Active Directory / GPO

## Recent Professional Experience

### Cloudster Brasil ([www.cloudster.com.br](http://www.cloudster.com.br)) - 2015 to present

Cloud Operations Manager

Responsible for handling all operations tasks, and development of automation tools. Also responsible for advising clients on cloud architectures and best practices.

Cloudster is an all AWS shop, 100% in the cloud.

### Key Contributions:

- Implementation of various SaaS solutions to streamline the company's workflow, allowing an extremely small team to handle a big number of customers
- Development of complete documentation of procedures (internal use wiki)
- Development of scripts (bash/python) for automation of administrative tasks
- Development of client faced python (flask) backed websites, exposing AWS API functionality in easy to use dashboards
- Provisioning, management and monitoring of AWS services
- Configuration services according to client specifications
- Helping clients achieve ideal utilization of cloud resources through proper architecture
- Client support through automated ticketing system

## **Escriba Informática - 2012 to 2015**

Network and Servers Administrator

Responsible for installing, configuring, and maintaining:

- Linux and Windows servers, including email and groupware servers (zimbra), database servers (mysql, microsoft sql server 2010), web servers (apache2, nginx, iis), print servers (cups), system imaging server (drbl), virtualization servers (vmware esx5.1)
- Network assets including switches(layer 2 and layer 3), routers, wireless access points, and linux firewalls
- Storage equipment including equallogic equipment and linux systems in storage cabinets like supermicro

Also responsible for managing software licenses, hardware and software inventory, contacts with vendors and development of technical solutions and new services with other departments.

### **Key Contributions:**

- Complete overhaul of IT infrastructure from servers (went from 11 physical servers to 6 + storage), to network cabling and assets.
- Standardization of systems and procedures (company had 5 different Linux distributions, and 3 different Windows server versions)
- Development of complete documentation of servers, network, systems and procedures
- Development of tools and procedures to allow a team of 3 to support 150 users
- Implementation of backup procedures for servers and virtual machines
- Improve response time to technical issues
- Create and modify scripts for system monitoring
- Integration of all systems with authentication against Active Directory
- Automation of administration tasks through use of scripting

## **Lages Promotora - 2011 to 2012**

Network and Servers Administrator

Planned and implemented the complete IT stack for this new company, comprising servers, network equipment and infrastructure, virtualization setup and all linux and windows servers configuration. Configuration of all Linux workstations for authentication against LDAP/Samba 3 servers.

### **Key Contributions:**

- Developed scripts to automatically configure the linux workstations for authentication against the Samba 3 server, automatic folder mapping according to groups, browser proxy settings, and system updates
- Setup and documentation of automated software and hardware inventory system
- Reduced initial investment in software by 70% by using Linux in servers and workstations
- Supported Linux and Windows servers, workstations, MS Office, LibreOffice, and other applications

## Education and Training

I have around 15 years of IT experience, and am mostly self taught. I've been working with computers since the days of MS-DOS and Novell Netware.

I've followed the Windows systems evolution since Windows 3.0 and Linux since the days of kernel 1 betas.

Right now I am completely focused on Amazon Web Services, and python programming.

**I believe the cloud is the way forward.**

Only formal education I pursued was in graphics design, to complement my web programming skills when I worked as a php developer.

- Bachelor's Degree in Graphics Design, Universidade Tuiuti do Paraná

## Certifications

- AWS Certified Solutions Architect – Associate - Certificate AWS-ASA-10024