# Brian Galura

Public and Private Cloud Architect

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## EXPERIENCE

### Citrix/LogMeIn — *Principal Technical Operations Architect* — *Staff System Administrator*

MAY 2012 - PRESENT

- demonstrated migration of legacy RTC app to Docker on Mesos and Marathon
- implemented governance controls for AWS program including spend showback, tagging policies and infrastructure standards
- worked with a globally distributed team supporting large SaaS applications
- designed and executed complex, global CloudStack solution as technical architect
- presented at CloudStack conference
- released internal tool in Ruby as open source plugin for Foreman

### Assembla— *Consultant*

FEBRUARY 2011 - DECEMBER 2011

- supported ruby on rails app
- participated in 24x7 operations coverage
- worked with globally distributed teamy

### Citrix Systems— *Senior System Administrator*

MARCH 2008 - FEBRUARY 2011

- maintained environment of 3,500 RedHat Linux 5 servers
- designed staged system patching policy and tools for release-controlled yum updates
- implemented system automation using puppet for entire environment
- served as technical lead for global DNS system and Puppet implementation
- responsible for 16 DNS servers hosting thousands zones across many data centers
- managed complex migration of legacy DNS to modern Proteus DNS and IPAM management from BlueCat Networks
- integrated BlueCat Proteus/Adonis DNS systems with RHEL BIND slaves
- migrated 400 vms from XS4 to XS5 and consolidated storage backends from disjointed Pillar and Hitachi arrays to a single USPVM

## SKILLS

Linux, CloudStack, DevOps, Puppet, RHEL, AWS, Hybrid Cloud, Private Cloud, Xen, Cloud Computing, IaaS, Amazon EC2, Perl, Shell Scripting, MySQL, Unix, Apache, Solaris, Red Hat Linux, DNS, Ruby, High Availability, Databases, SaaS, Networking, Private Piloting, System Architecture

## CERTIFICATIONS

AWS Certified Solutions Architect – Professional 2016

AWS Certified Solutions Architect – Associate 2015

Oracle Certified Associate, Java SE 7 Programmer 2015

Red Hat Certified System Administrator – RHCT 2009
100-130-871

CIW Database Design Specialist 2014
608022

## LANGUAGES

English – Native
German – Elementary

## Freelance Consultant

APRIL 2002 - FEBRUARY 2011

- managed product design and deployment for several small startups
- worked with customers to define feature priority for a video-streaming startup
- defined technical requirements for onshore/offshore development team
- developed comprehensive web data-mining tools using Perl
- implemented online legal document signing interface
- developed automated interface to video upload system
- deployed full-featured Asterisk/Cisco VoIP system for a 30 person office
- migrated web, mail, VPN, and DNS services from Windows to Linux for 6,000+ domains
- utilized Xen and EC2 to bring up test and staging system stacks
- provided 24/7 server uptime and network monitoring for server installations
- installed linux-based load balancer for high-availability services
- implemented analytical graphical website traffic reporting system based on search terms and domain names for 6,000 websites using php, perl, and flash
- customized MovableType to act as a simple CMS
- addressed security issues and conducted forensic analysis of compromised servers
- advanced routing using the Linux kernel, traffic monitoring/shaping, QoS
- created accounting, provider search by zip code, fully user customizable order system, and many other important features required by any e-commerce system

## Uber.com (Social Networking Company)— *Consultant*

JANUARY 2008 - FEBRUARY 2008

- web development using prototype for AJAX
- extensive css debugging
- focus on cross-platform consistency

## British Telecom/Infonet— *Senior Computer Scientist*

FEBRUARY 2005 - JANUARY 2008

- implemented reports using Actuate for SLA validation
- PL/SQL development on Oracle 10g
- Solaris system administration
- worked with a globally distributed team

## Intel— *Wireless Test Engineer*

2003

- wireless platform validation testing for Centrino

**3Com**— *Development Tools Intern*

2000 - 2001

- managed Solaris and Oracle development environments
- worked with development team to implement performance testing procedures for new SIP–based VoIP product

**Western Governors University** — *Bachelor of Science*

2013 - 2015

Information Technology – Software

**Purdue University** — *No Degree*

2001 - 2003

Computer Engineering