PHILLIP GENTRY

Devops / Sysadmin

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Summary

Hi, I'm Phil. I've been doing development and operations management(devops) remotely for a few years at a tech startup based out of Phoenix. At times I've worn the hats of programmer, sysadmin, DBA, UI design amongst others but mostly I'm working with systems automation through tools such as Ansible and Docker.

I have been fascinated by the development of the devops space. I like to use open source software and believe in giving back to the community when possible.

I am looking for a position as a devops/reliability engineer. I'm looking for remote work or a relocation.

I'm most especially interested in a position that lets me shape and evolve the operational practices and future of the company I am working with. I have truly enjoyed my work in a startup atmosphere and wish to continue in that environment, whether it be in the same role or a new one.

Core Skills & Expertise

- Linux systems administration
- Web development
- Linux (Debian, Ubuntu, and CentOs), Docker, Ansible, AWS
- Agile Methodologies
- Distributed Systems
- Amazon Web Services

- Web Scaling

Experience

Devops / System Administration at CX Inc./AmpX2, Inc.

August 2010 - February 2016 (4 years 8 months)

Summary: I was the Linux Sysadmin of a monolithic server being migrated to a microservices architecture on AWS via Ansible & Docker.

My duties included:

- Managing production and testing server environments
- Security and Encryption
- Manage and automate code deployments
- General maintenance
- Reporting and system monitoring
- Backups of code, data, and other resources
- Redundancy and recovery planning
- Load Balancing and networking
- Application scaling
- Budget Audits
- Investigate performance bottlenecks (Network, DB, Hardware)

Linux (Debian, Ubuntu, CentOs), AWS (EC2, Route53, S3, +many other services), Ansible, HAProxy, Jenkins, GIT (plain, github, gitlab), OpenVPN, OpenSSL, Python, Scala, Docker, Percona MySql, PostgreSQL, Apache, Nginx, Bash, PHP, WordPress, Django, SqlLite, Redis, RabbitMQ, Ruby, Rails, Sinatra, Cucumber, Capistrano, HTML5, MaterialCSS, Chef

It was my job at AmpX2 to handle all automation, security, and deployment tasks. Any infrastructure as code-type operations were my responsibility and I often filled gaps in other areas where necessary. When I started they were running Chef. Over time we moved to Ansible for general automation tasks. Later we discovered Docker based deployments and found it was an even better match, so we transitioned again.

It was also my responsibility to track system level resources, making sure we were not overbuying or underbuying EC2 resources (at different times 20–70 servers).

Telecom Technician at Grennan Communications Co

2009 - 2010 (1 year)

Telecommunications equipment, DVR systems, Networks, Alarm Systems, low voltage electronics.

Flight Dispatcher at Air Evac Lifeteam

2008 - 2009 (1 year)

Flight dispatch of emergency medical helicopters to emergency scenes. I was thinking about leaving tech at the time and it was a good mission.

CEO at Geovel l.l.c

2006 - 2008 (2 years)

System administration, programming (PHP, ASP), General Web development. We had clients that outsourced their programming and development to us, and additionally provided hosting and web design for a number of local businesses.

System Administrator/Web Developer at US Cybertek

2005 - 2006

I was the sole System Admin, PHP/LAMP stack developer and ASPVBscript developer for a large network of Real Estate based web sites. This included the US multilist, a rather large real estate resource that aggregated data listings from hundreds of different sources. It also included the administration of a couple hundred affiliated web sites.

- System Administration
- Security
- PHP/Lamp stack Development
- Mysql
- Linux Admin
- Windows 2k Server admin

Travelhounds.com / Sole Proprietor

2004 - 2005

While I was working at TownSquare, I had started a side project called Travelhounds. It connected to a third party booking engine and was basically a self branded hotel booking site. Everything was written in ASP and fed via XML feeds from traveltoday.com. I also maintained a number of Mysql databases to collect data on visitors and cache booking info.

I added several unique features and learned about SEO to drive traffic, as well as A/B conversion testing to increase conversions and ad revenue.

At the point where the revenue rivaled what I was making in my day job I decided to give this a try as a full time endeavor. It was great for a few months, but I think I got a little aggressive with the SEO work. The traffic suddenly tapered off to the site and I was unable to bring it back to its previous status before lack of revenue forced me back into the job market.

Technician, Junior Sysadmin, Junior Programmer at TownSquare Internet
2000 - 2004

Support technician, junior sysadmin, junior programmer. I worked phone support for a budding ISP and began taking on roles in taking care of the servers and remotes.

This is really where I got my start in technology beyond basic computer repair. It is where I learned to program.

I wrote bash scripts and other utility programs for server administration, built websites via ASP/VBscript for clients, and internal systems that integrated billing, Radius, and help desk servers. Most of the servers there were W2k or Windows NT but this is also where my Linux/Unix exposure started. It was working at this company that I really began to see the value in open source and the power in Linux.

Education

Missouri State University - Entrepreneurial and Small Business Operations. I completed a several semesters, but stopped before reaching a degree.

References

Jan Vandenbos - Former CTO CX Inc. 425–209–7688
Dan Smoker - VP Product Development AmpX2 513.284.9589
Will Lowrey - VP Product and Marketing Ampx2 720.271.5453

Other Interests

Rock Climbing. Outdoors. Music. Travel.