Colin Shea

SELF-TAUGHT PROGRAMMER, SYSADMIN, AND DEVOPS EXPERT

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USA

Technical Skills

Mastery of: **Linux**, **Ruby**, **Chef**, **Python**, **Puppet**, **git**, **AWS**, **MySQL**

Proficient at: PostgreSQL, Java, HTML, XMPP/Jabber, Ansible, Redis, Heroku, ElasticSearch, Kibana, Logstash, MongoDB

Knowledge of: Go, JavaScript, Elixir, VMWare, TLS/SSL

Experience

The Evogi Group - http://www.evogi.com/

September 2013 - June 2015

Lead System Administrator

Configuration, monitoring, and deployment of 1,000+ Ubuntu and CentOS servers in AWS running Ruby on Rails, Java, Erlang and Go applications.

- Transitioned from a monolithic server architecture to a multi-tiered architecture using Amazon VPC
- Spearheaded the first and subsequent international deployments
- Revamped the authentication and structure for the internal admin panel of the Rails code base
- Modernized configuration management and deployment using Chef 12 and Amazon EC2 Autoscaling
- Deployed applications to Heroku, Elastic Beanstalk, and other PaaS services
- Set up Nagios, Icinga, Shiken and ELK stacks to monitor components of the network
- Helped administrate multiple MySQL databases with terabytes of data

Cummings Engineering Consultants

January 2012 - April 2013

System Administrator

Configuration, monitoring, and deployment of servers across the world in a hybrid cloud running Java applications.

- Migrated servers from manual setup to configuration management using Puppet
- Developed policies to secure our servers to our client's (NSA) standards
- Located and decided on international targets across all continents to expand the network to fulfill ultra-low latency demands
- Managed the internal git, Gerrit code review, NAS, and Jenkins CI servers
- Managed PostgreSQL, MySQL and MongoDB databases in high security networks

University of Advancing Technology - https://www.uat.edu/

August 2011 - December 2011

Intern

Helped out with networking and Linux related tasks in the IT department.

- Answered staff's and student's questions
- Deployment of new Cisco routers and switches
- Management of Fedora machines, integrated with Active Directory and Exchange, to let non-technical students experience Linux for the first time
- Upgraded the network security lab, isolating it from the rest of the network to ensure regular client machines wouldn't be affected

[Buffer]Overflow - http://root-the-box.com/

January 2011 - October 2011

Chairman of the Root The Box Committee

As chairman, it was my responsibility to manage the committee with weekly status meetings.

</> *Projects*

cattle-ranch - https://github.com/evaryont/cattle-ranch

June 2014 - Present

Wrapper cookbooks and recipes to automate building & managing my network

mousehole - https://github.com/evaryont/mousehole

September 2005 - August 2009

An HTTP proxy written in Ruby to allow users to change the web to their preferences

arson - https://github.com/evaryont/cattle-ranch

April 2008 - August 2009

A download-only tool to help Arch users install packages from the AUR

Certifications

Security+ - https://www.certmetrics.com/comptia/electronic_certificate.aspx?cert=1900980 — April 2010 - Present
CompTIA

Linux+ - https://www.certmetrics.com/comptia/electronic_certificate.aspx?cert=1902705 — April 2010 - Present
CompTIA

Network+ - https://www.certmetrics.com/comptia/electronic_certificate.aspx?cert=1792532 — October 2009 - Present
CompTIA

A+ (IT Technician) - https://www.certmetrics.com/comptia/electronic_certificate.aspx?cert=1430280 — June 2009 - Present
CompTIA

Education

University of Advancing Technology - http://uat.edu , Tempe, Arizona USA
2010 - 2013
Triple Major, Open Source Technologies, Network Security & Network Engineering

Links

- Website - http://evaryont.me
- Code - https://github.com/evaryont
- Twitter - https://twitter.com/evaryont

Colin Shea — colin@shea.at — (301)-337-7181 Also on LinkedIn. References available upon request.