

Colin Shea

*SELF-TAUGHT PROGRAMMER, SYSADMIN, AND DEVOPS
EXPERT*

colin@shea.at
<http://evaryont.me/>
(301)-337-7181
Phoenix, AZ
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
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Cummings Engineering Consultants
System Administrator

January 2012 - April 2013

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
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University of Advancing Technology -

<https://www.uat.edu/>

Intern

August 2011 - December 2011

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) - <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) - <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) - <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+ -

April 2010 - Present

https://www.certmetrics.com/comptia/electronic_certificate.aspx?cert=1900980

CompTIA

Linux+ -

April 2010 - Present

https://www.certmetrics.com/comptia/electronic_certificate.aspx?cert=1902705

CompTIA

Network+ -

October 2009 - Present

https://www.certmetrics.com/comptia/electronic_certificate.aspx?cert=1792532

CompTIA

A+ (IT Technician) -

June 2009 - Present

https://www.certmetrics.com/comptia/electronic_certificate.aspx?cert=1430280

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>
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