

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

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
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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 and Jenkins CI servers
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[University of Advancing Technology -](https://www.uat.edu/)

August 2011 - December 2011

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

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
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</> 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](http://uat.edu), Tempe, Arizona USA

2010 - 2013

Triple Major, Open Source Technologies, Network Security & Network Engineering

Links

- [Website - http://evaryont.me](http://evaryont.me)
- [Code - https://github.com/evaryont](https://github.com/evaryont)
- [Twitter - https://twitter.com/evaryont](https://twitter.com/evaryont)

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