

# Colin Shea

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

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USA

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## *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

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## *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

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[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

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[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

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## Certifications

[Security+ -](#)

April 2010 - Present

[https://www.certmetrics.com/comptia/electronic\\_certificate.aspx?cert=1900980](https://www.certmetrics.com/comptia/electronic_certificate.aspx?cert=1900980)

CompTIA

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[Linux+ -](#)

April 2010 - Present

[https://www.certmetrics.com/comptia/electronic\\_certificate.aspx?cert=1902705](https://www.certmetrics.com/comptia/electronic_certificate.aspx?cert=1902705)

CompTIA

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[Network+ -](#)

October 2009 - Present

[https://www.certmetrics.com/comptia/electronic\\_certificate.aspx?cert=1792532](https://www.certmetrics.com/comptia/electronic_certificate.aspx?cert=1792532)

CompTIA

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[A+ \(IT Technician\) -](#)

June 2009 - Present

[https://www.certmetrics.com/comptia/electronic\\_certificate.aspx?cert=1430280](https://www.certmetrics.com/comptia/electronic_certificate.aspx?cert=1430280)

CompTIA

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## 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

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## *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)

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