

# Seandon Mooy

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## Development

I write code every day, and I speak mostly Ruby and JavaScript. I also speak PHP, Python, BASH, a bit of C and not nearly enough Go.

DevOps by design - spent the vast majority of my professional time in infrastructure and operations, but love development and work very closely with dev teams to patch production issues myself.

## Operations

Everything from CRAY to RHEL4 to 16.10 and back again. From hardware firewalls to public cloud to Raspberry Pi. If it runs \*nix, "[I know this](#)".

Production experience at scale with AWS, Rackspace, Google Compute Engine and OpenStack.

On-call experience for mission critical systems including healthcare messaging, suicide hotlines and global event response.

A ton of CI/CD experience and opinions. GitHub, Jenkins, TravisCI, Shippable, etc etc.

I've scaled old applications written in Perl, PHP, CGI as well as cutting edge and complex Erlang, Node.js, Ruby and GO applications.

Database administration experience out the wazoo – MySQL (Percona & Galera), Cassandra, Rethink, Redis, Mongo, etc.

Experience with modern big data and streams application administration: Hadoop / Spark / EMR, Kafka, ElasticSearch, etc.

## Automation

One of the world's first SaltStack certified engineers. Production experience with Chef, Salt, Ansible and Docker.

Production Docker and RKT experience.

Development experience with Kubernetes, Mesos, AWS ECS, GKE, Swarm, and other container schedulers.

Strong expertise in Chef and Chef ecosystem. I have authored more cookbooks than I can count.

## Professional Experience

### **TigerText – DevOps Engineer** (05/2015 to present)

- On-Call engineer for messaging systems used by large enterprises and healthcare providers
- Managed large Chef code base and complex technical environment
- Built new CI/CD platform for development teams
- Monitoring, performance and security auditing

### **Rackspace - DevOps Engineer II** (05/2013 to 04/2015)

- Built, managed and supported multiple high profile client's production environments
- Developed scalable and reusable automation solutions using Chef with a team of engineers
- Implemented zero-downtime deployments for dozens of web-scale applications
- Designed customer environments for PHP/LAMP, Node.js/MEAN, Java/Tomcat, Rails, Django and Wordpress development teams and production environments
- Built resilient and scalable systems using pure cloud, pure dedicated, and hybrid infrastructure

- Served as point of technical contact for large & well known organizations including large national retailers, movie studios and web startups
- Built applications from scratch (in Ruby, PHP and Javascript) against undocumented internal APIs to help boost productivity and team efficiency

**Tectonic Games - SysAdmin/Web developer** (03/2012 to 10/2012)

- Assesed and improved existing infrastructure (monitoring, statistics, security, phone system)
- Built many webpages from artist designs (from photoshop to the web)

**The Okori Group - Ruby on Rails developer** (04/2011 to 03/2012)

- Implemented features & bug fixes to mission critical applications
- Designed, created and implemented customer communications portal
- Web development from whiteboard to production for GetCocoon.com flagship product

**KPR Advisors - Programmer & Operations** (2007 - 2011)

- Creation and installation of custom real estate management software
- Systems and applications management for uptime critical business platform

**Non-Profit Communications & Computation Syndicate - Operations** (2007 - 2011)

- Management, installation, and security audit work relating to providing emergency communications to the persecuted peoples of Libya and Syria
- Monitoring and ongoing security-auditing of crucial text and voice communications portals

**Impulse Internet Services - Linux Systems Administrator** (04/14/2007 to 12/04/2009)

- Developed and implemented a number of internal applications, including network and systems monitoring, call center visualizations, and tech-support knowledgebase.
- Responsible for mission-critical systems uptime, including 20,000+ user email system.