

Nate Meyer

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Summary

I'm a DevOps practitioner/SRE/Infrastructure engineer with 8 years of experience and a passion for configuration management, Linux, containers, code, and making hard things easier. I'm deeply comfortable with web application architecture, configuration management, and container orchestration concepts. I love learning new things and I'm always looking for a challenge.

Experience

Abstract

Infrastructure Manager, May 2019 - present

Senior Software Engineer, Dec 2017 - May 2019

I lead a small Infrastructure team and was the first full-time Infrastructure engineer at Abstract. I've helped scale and take our Git-backed version control product to thousands of daily users and millions of requests per day.

Designed and managed a fully containerized infrastructure running on AWS composed with ECS, RDS, SQS, S3, EFS, SQS, CloudWatch, etc. We use Terraform, Ansible, and Cloudformation to manage it all. I write a lot of deployment and infrastructure management tooling with Ruby and Shell.

I'm frequently involved in projects with other teams both in and out of engineering. For example,

- Collaborating with engineering teams to help architect and build the infrastructure that powers new services and features.
- I was instrumental in helping acquire Abstract's initial SOC 2 Type 1 and Type 2 certifications.

Basically, I love wearing a lot of hats.

Treehouse

Senior Systems Developer, Jul 2016 - Dec 2017

Systems Developer, Jan 2014 to Jul 2016

As the founding member of Treehouse's Infrastructure team, I was primarily responsible for architecting, scaling, securing, and ensuring the health and availability of the applications that make up Treehouse. It was Ruby, Rails, Chef, and Go running on lots and lots of Docker containers, Kubernetes, OpenStack, and AWS. I helped our developers build CI/CD pipelines for their applications, and worked closely with them when necessary to build and deploy new applications.

Some things I'm particularly proud of accomplishing:

- Migrated Treehouse between hosting providers / platforms several times without surprises.
- Took our infrastructure containing many single points of failure to something much more robust and redundant (and highly-available where appropriate).
- Built our monitoring/alerting system with Sensu.
- Built our log aggregation system on an ELK stack, but we later replaced Logstash with Heka.
- Wrote an internal tool for versioning and releasing Chef cookbooks in our infrastructure.

Blue Box Group

Technical Team Lead / Linux System Administrator, Oct 2012 to Jan 2014

- Developed Chef cookbooks and helped our clients codify their infrastructure.
- Supported and maintained services for several hundred customers with disparate technical levels and software stacks.
- Led a small team of System Administrators.
- Performed Initial technical screening for all new potential system administrators.

Yahoo! Small Business

Escalation Engineer, Jan 2008 to Sept 2012

- Support engineer for the highest grossing e-commerce merchants on Yahoo's Small Business hosting platform .
- Worked closely with an international engineering team and contributed bug fixes for a large scale Perl/PHP e-commerce hosting platform.
- Worked closely with product development and engineering based abroad to triage outstanding bugs.
- Developed Perl scripts to simplify day-to-day use and administration of the platform for both our customers and other employees. Generally, creating reports or exporting data.
- Helped develop and release an internal knowledge base..
- Created training materials and led classroom training sessions on technical topics for front-line support employees.

Skills

- Docker and assorted orchestration tools and concepts, Docker Compose, ECS, Kubernetes.
- Configuration management with Chef, Ansible, and Terraform.
- Experience building automated solutions on AWS, OpenStack, GCP, and bare metal servers.
- Ruby, shell, some Go, some VCL. I can get by in most languages I come across, and don't mind jumping into unfamiliar codebases.
- Linux, Mac OS
- Ability to consume a tremendous number of tacos.