

Jake Gaylor

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Summary

- Seven years of experience working up and down the web stack, from operations to front end
- Operated a petabyte scale big data infrastructure (Cassandra, Kafka, Spark via EMR)
- Experience creating multi-cloud infrastructures
- Proponent of immutable infrastructure. I've been around the block with containers and machine images
- Developed continuous integration/delivery pipelines in which all the components of a distributed system were built, tested, and potentially deployed in response to source code changes and dependency updates
- Administered Kubernetes clusters on CentOS, CoreOS, AWS, and GKE

Experience

SENIOR DEVOPS ENGINEER @ PROTECTWISE, INC – AUGUST 2016-CURRENT

At Protectwise I am responsible for maintaining the reliability of the core platform and our web services. Far more than just an SRE though, I am empowered to create things that allows our team to do more with less. Using modern operations tooling like terraform, packer, aws, chef, and various programming languages I strive to enable our small ops organization to scale to service our growing number of product engineers and services.

DEVOPS ENGINEER @ FOOD SERVICE WAREHOUSE – JUNE 2015-MARCH 2016

At FSW I was responsible for creating the infrastructure that runs our micro-services architecture. As we needed to move from a monolith to dozens of independent services we knew we had to reduce setup times on deploys from days to minutes and monitoring, alerting, logging, building, and deploys all needed to be done in a standard way. When I left the ops organization was providing service to our engineers using Kubernetes on top of CoreOS using fleet, etcd, and flannel. (With a splash of Jenkins for good measure!)

CO-FOUNDER @ NESTEDDATA – MAY 2013- APRIL 2015

SOFTWARE DEVELOPER @ MISSISSIPPI STATE UNIVERSITY – JUNE 2010 - JUNE 2014

Skills

Controlling the Computer: Javascript, Python, Bash, Go, Ruby

Storing Stuff: postgresql, MongoDB, Redis, Etcd, Zookeeper, Cassandra

Distributed Systems Glue: Kafka, RabbitMQ

Do it Again... and Again: Packer, Terraform, Vagrant, Linux, Chef, Gitlab CI, Concourse, Jenkins

Do it All the Time: Kubernetes, Fleet, Docker

Keep an Eye on it: CloudWatch, Sensu, Paperduty, Uchiwa, Logstash, Kibana, Grafana, Graphite

Check out my Github profile (<http://github.com/jhgaylor>) or my website (<http://jakegaylor.com>) to learn more