Nic Grayson

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Technology Experience

Infrastructure Tooling

- Terraform
- Docker
- Zookeeper
- Consul
- Vault
- Mesos/Marathon
- Kubernetes
- Graphite / Influxdb
- Statsd
- DataDog
- ChatOps

CI/CD

- Jenkins
- GitLab CI

Database Configuration and Maintenance

- Hadoop / HDFS / HBase
- Kafka
- Postgresql
- ElasticSearch

Programming Languages

- Python
- Ruby
- Bash

Work Experience

July 2017-Present - American Family Insurance, Madison, WI

I develop automation code to manage AWS accounts, Kubernetes, GitLab, Artifactory, Consul, Vault, and application deployments. I work with a group of data scientists to support their research efforts and model deployment including developing a Python base ChatOps bot.

January 2017-July 2017 - VMWare - Senior Site Reliability Engineer, Remote

I Maintained an ELK stack running on Mesos that was used for logging and metrics collection for cloud application teams. Deployment automation was managed with terraform and jenkins. I also supported docker log and metric collection via telegraf.

October 2015-November 2016 - EMC/Virtustream - Automation Engineer, Remote

Automation work to deploy and maintain a Mesos platform for a multi-datacenter exabyte scale object storage platform. Developed production ready Mesos frameworks for Kafka and Exhibitor. Researched and deployed quality monitoring, metrics collection, and alerting platforms.

July 2010-September 2015 - Banno/JHA - Infrastructure Engineer, Des Moines, IA

Setup and maintained a stable hosting environment. The environment includes a multi tenant web application, api for mobile applications, and backend systems to support the data collection of the Banno platform. This work includes migrating from a simple hand configured shared hosting setup to a Chef automated cluster of servers to Mesos and Docker.

Education

Bachelor of Arts: Computer Science and Mathematics - May 2009
University of Northern Iowa, Cedar Falls, IA

References

Available upon request