MattMofrad

matt@zibby.technology

Experienced In

Docker
AWS
KVM
ELK
Haproxy
DNS
Nginx
Git
Chef
Zabbix
CouchDB
Linux
Jenkins
Traefik
Nginx
Datadog
Apache

languages

bash
ruby(Rails)
go
LaTeX

AWS Experiance

ECS (fargate) & ECR
Route53
IAM
Classic and
Application LB
WAF
S3
EC2
Beanstalks

education

2009 BSC Physics
Sussex University 2:2
Hons

Employment

2019-present **Senior DevOps Engineer**   *Alliants*

Working with Chef, Jenkins and AWS to provide an optimal environment for development and production systems

- Terraforming of AWS platform for flagship application
- Reduced costs of Jenkins Pipeline and reduced build time by 70 %
- Improved systems security
- Custom ETL service built on AWS lambda with Go
- Lambda function implementing Rekognition for removal of inappropriate images from S3 buckets
- Designed and produced a customer facing VPN with nginx reverse proxy for accessing onsite servers
- Acted as a consultant for a customer to improve their infrastructure, release process, scaling and security practices.
- Knowledge sharing though documenting on internal wiki and hands on training
- Further reduced pipeline testing time by 20min using test parralisation
- Automation of monitoring discovery by using chef and terraform to create dashboards and metric endpoints
- Creating Datadog dashboards of key performance metrics to show reliability and availability of services to monitor SLA goals
- Identified platform bottlenecks using monitoring and tracing tools
- Reduced outages by implementing a change control process

2018-2019 **Devops Engineer**   *Snowflake*

Working within the aerospace industry providing stable infrastructure and pipelines for flight data processing systems. Mostly working with Vcenter and gitlab pipelines.

- Automation of VM creation with terraform
- Managing windows machines with Active Directory
- Debugging Gitlab CI pipelines
- Diagnosing low level Linux issues
- Automation of CVE scanning

2012-2018 **Infrastructure Engineer**   *LiveLink*

Working as part of a multidisciplinary team, working in DevOps and Infrastructure roles to manage large volume E-commerce system

- Maintaining over a large fleet of virtual hosts
- Maintaining a 2.7PB ceph cluster
- 3rd line support with tickets in zendesk and planio
- KVM management on both Linux and Solaris hypervisors
- Creating custom monitors within Zabbix
- Monitoring using the ELK stack
- Server management though Chef
- Performance monitoring and tuning
- Training Jr members though out the company across teams
- Incident management
- Managing a small team on research projects.