WORK EXPERIENCE

- Aeolus Robotics - Devops Engineer (December 2021 - Present)
  - Automation and system engineering of robot and cloud resources
  - Setting up build pipelines for the ROS packages
  - Video stream pipelines using OSSRS
  - Wrote codes to setup ONVIF support for the robot cameras
  - Typical cloud and other devops r

elated tools and services - AWS, Terraform, Kubernetes, Grafana, Prometheus, Ansible

- Nference - Sr. Devops Engineer (December 2019 - December 2021)
  - Managed a team of 5 members to make technical decisions.
  - Puppetized their entire infrastructure with more than 2000 servers

esources at Aeolus Robotics.

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Built easier and more manageable deployment p

rocess

Built and automated the management of dev and QA environments

Built various applications and dashboards to make developers life easier

Helped organizations to

- Build their infrastructure from scratch
- Migrated from datacenter to cloud platform
- Containeris their applications
- Built and migrate their infrastructure to kubernetes cluster
- Implemented infrastructure as a

code

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Built centralized dashboard for firewall management for hybrid infrastructure.

 Worked on firefighting hack attempts and security scans

 Built centralized logging solution

 Built high security environments with limited internet access with full automation

 Built a certificate based ssh solution with google SSO login and LDAP

 Bare Metal kubernetes clusters

- Noon Academy -

Devops Tech Lead (April 2018 - December 2019)

- Worked with the team on migrating the monolithic app to microservice architecture.
- Introduced kubernetes, helped the team containerise the backend applications.
- Built a highly scalable system using kubernetes on AWS using KOPS.
- Did a migration to EKS later onwards from KOPS to increase s

tability and to bring down the cost using spot instances.

□ Was able to bring down the cost more than 45%.

□ Introduced helm to manage onboarding of new services

□ Achieving the best numbers in terms of latency I was able to bring down the avg latency to less than 20ms from an average o

f more than 800ms.

☐ Designed the infrastructure for scale. On the highest traffic day, it scaled the real time infrastructure to handle 500,000 minutes over 10,000 web sockets connections and more than 2000 requests per second.

☐ Hired three people for the team over 1 year, built the team and devops culture in the c

ompany.

- Educated developers and qa on how the infrastructure is designed.
- Introduced the culture of automating things, writing outage reports, on call support, knowledge sharing sessions on a weekly basis.

- Myra Medicines - Site Reliability Engineer - (July 2017 - April 2018)
- Helped them build their infrastructure from scratch in AWS.
- Built a solid deployment p

rocess without downtimes.

- Migrated their infrastructure from Digitalocean to Google Cloud Platform.
- Wrote ansible scripts for configuration management.

- Livestream Technologies (Vimeo) - Site Reliability Engineer - (March 2016 - July 2017)

- Livestream had high scale online media serving infrastructure.
- Built and supported the infrastructure that handled upto 800,000 concurrent users streaming videos.

Worked on on call support with developers

Achieved 99.9% uptime

I worked on migrating services from the datacenter to Google cloud.

Got good exposure on varnish.

Worked on very large scale environments with more than 1000 servers and one datacenter.

Written plenty of python scripting, puppet configuration manifests, Automated penetration t

ests tools.

- Worked with security teams on pentest and patching the system for security vulnerabilities..

● Admin-Ahead Server Technologies (Brookwin) - System Administrator - (July 2014 - Feb 2016)

- Experience on Linux administration and administration automation scripting.

- Worked on projects to automate system tasks via web interface.

- Have done projects with Dropbox API, A

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Provisioning t
ools:
Terraform.

Web servers and app servers: Nginx, Apache, uwsgi, passenger.

Monitoring, Alerting and Graphing: ELK Stack, Grafana, Graphite, Sensu, Nagios, Prometheus, Datadog

Database: MySQL, Postgres

Other tools: Monit, Supervisord, Docker, Etckeeper, Jenkins, Gitlab CI, Git, Wal-e backup, Fastly, Sonarcube.

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SKILLS

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