

Objective

To build reliable application while reducing human toil

Skills

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|-----------------------------------|---------------------------------------------------------|
| • Infrastructure Tools | Ansible, Kubernetes, Packer, Terraform |
| • Experience with Cloud Providers | Google Cloud, AWS |
| • Programming Languages | Python, Go, Java, Ruby, Perl |
| • Storage Backend | Mysql, Cassandra, Consul, Zookeeper, Redis |
| • Messaging Systems | Kafka, RabbitMQ |
| • Monitoring | Sensu, Grafana, Prometheus, ELK stack, Victoria Metrics |

Education

M.S Computer Science (2012-2014)

University at Buffalo (SUNY)

Experience

WePay, Inc. Senior Staff Site Reliability Engineer, Nov 2015

- Build an AWS api gateway to serve internal API traffic across data centers.
- Lead a dedicated team to improve observability across all applications by implementing structured logging using ELK stack.
- Decoupled monolith applications more than thousand configuration files from its codebase to make it Twelve-Factor app compatible improving reliability and deployment flexibility.
- Drove the adoption of immutable infrastructure using Packer, Terraform and Ansible. Increased reliability by reducing drift.
- Build a secure data transfer service to reduce latency 7-fold.
- Gracefully upgraded frontend servers without any customer impact by writing custom VCL.
- Migrated monolithic applications into Kubernetes micro services.
- Strived for higher reliability by participating in on call routine, driving post mortems, monitoring SLOs, writing proactive alerts and runbooks.

RFSpot inc. Software Engineer, Sept 2014 – Nov 2015

- Lead the team managing cloud and on-premise infrastructure, CI and control plane services for robotic applications.

Cognizant Data Warehouse Engineer, Feb 2010 – Jun 2012

- Developed ETL pipelines for major telecom giants handling 100Gb of data daily

Miscellaneous

- Karate Black Belt
- Research paper published in MobiSys'14 and JTRES'13