

Kevin Reedy

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Experience

Belly November 2012 - Present
Infrastructure Architect Chicago, IL

- Led a team of Infrastructure Engineers
- Designed and created a Ruby-based deployment orchestration system using Docker, Consul, CoreOS, and GitHub
- Migrated all systems into Amazon Virtual Private Cloud with zero downtime
- Used Chef, Nginx, Consul, and Route 53 to create a scalable load balancer topology that is dynamically configured based on where services are running (EC2, Heroku, S3, etc)
- Designed and implemented a user events logging and analysis system utilizing FluentD, RabbitMQ, S3, and Hadoop
- Identified and removed single points of failure in existing infrastructure

Tap.Me May 2011 - November 2012
Backend Engineer Chicago, IL

- Used Chef to automate the deployment of servers, software, and code
- Created a scalable Python and AMQP based notification system using Apple's APNS, Android's C2DM, and SMS
- Moved services to a hybrid of physical machines and cloud servers to get the cost and performance benefits of physical servers with the scaling benefits of the cloud
- Set up monitoring systems using a combination of nagios, graphite, and collectd

OpenDNS June 2009 - May 2011
System Administrator San Francisco, CA

- Worked on a system/network operations team that maintained 15 datacenters worldwide that processed over 30 billion DNS queries per day
- Configured and Administered Cisco and Juniper Routers and Switches in a BGP Anycasted network
- Configured and Administered a large network of Linux servers for both customer-facing and internal services

Riverbed Technology
Lab Engineer

October 2007 - June 2009
San Francisco, CA

- Worked on an automation and deployment code-base, specifically integration with VMware vCenter, Lantronix Console Servers, APC Power Distribution Systems, and Kickstart
- Planned and carried out the move of two datacenters with minimal customer-facing downtime

Education

DePaul University
Bachelors of Science in Network
Technologies

Fall 2003 - Summer 2007
Chicago, IL

- Outstanding Senior Leader Award
- President of DePaul's Fundamental Research in Academic Gaming (DeFrag) Organization

Skills

Automation

Chef, Packer, Vagrant, Test Kitchen, Amazon CloudFormation, Terraform, Puppet, Kickstart

Languages

Ruby, Python, Bash, PHP, Perl, HTML, CSS / SASS, JavaScript, C, Java

Web Servers

NGINX, Apache, HAProxy, Lighttpd

Databases

MySQL, Redis, Elasticsearch, Hadoop, Hive, MongoDB, Redshift, Cassandra, MemcacheD, PostgreSQL

Monitoring

Sensu, Nagios, Graphite, StatsD, CollectD, New Relic, Datadog, Cacti, Munin

Other Systems

Amazon Web Services (including EC2, VPC, RDS, ElastiCache, S3, CloudFront, Route 53, CloudWatch, and IAM), Docker, Consul, RabbitMQ, Logstash, Sidekiq, FluentD, Git, CircleCI, Travis CI, ChatOps, Rails, Mesos / Marathon, OpenStack, BIND DNS Server, Cisco IOS, OpenVPN, IPSEC VPN, BGP, Quagga, KVM, Xen, VMWare vCenter