

# SETH J. KINGRY

## INTRODUCTION

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Independently motivated individual looking to join a start-up minded company. Well versed in many flavors of Unix (Linux, SmartOS/Solaris, FreeBSD) with an emphasis on cloud infrastructure, virtualization, and maintenance. Skilled in web-scale architectures and performance tuning, database clustering and high availability, systems configuration automation (Puppet/Chef), highly available filesystems (HA-NFS using DRBD hardware layers, ZFS, etc.), Xen hypervisor and SmartOS zone based system virtualization, and disaster recovery planning.

## EXPERIENCE

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2011–2013      ModCloth, Inc.      San Francisco, CA

*Lead Systems Engineer*

- Built and maintained cloud infrastructure platform based on Joyent's SmartOS IaaS offering (SmartDataCenter).
- Developed the standardized procedures used by all engineering teams during regular application deployments using Chef and Capistrano.
- Provided operational support for all web properties (external and internal).
- Supported Cisco networking/firewall equipment, Nginx/HAProxy based load balancers, Ruby application stack, and all data layers (MySQL, PostgreSQL, Solr, Redis).
- Developed and implemented monitoring solution using Circonus and Nagios with an API based provisioning backend.
- Implemented DDoS mitigation and CDN utilizing Cloudflare and Fastly.
- Database knowledge expert and administrator for all engineering groups (business intelligence, e-commerce, social media, etc).

2008–2011      SugarCRM, Inc.      Cupertino, CA

*Operations Engineer*

- Maintained private cloud infrastructure in two remote data centers (San Jose, CA and London, England).
- Implemented Puppet server management and Cobbler server provisioning systems across private cloud.
- Maintained and verified internal and customer backups using internal custom applications.
- Virtualized redundant and under utilized systems using Xen hypervisor.
- Laid groundwork for department disaster recovery policy.
- Worked remotely from Atlanta, GA.

2004–2008      NationalNet, Inc.      Atlanta, GA

### *Systems Administrator*

- Maintained company's ~2500 Debian Linux and FreeBSD servers.
- Maintained client large scale PHP/MySQL applications running across load balanced web front ends and clustered database servers.
- Implemented network monitoring system based on SNMP and watchdog. Ported company custom Linux applications to FreeBSD. Implemented local FreeBSD CVS source mirror and compiled custom distributions for internal company use.

### EDUCATION

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| 2003–2004 | Kennesaw State University             | Kennesaw, GA |
| ■         | Course of study, Mathematics          |              |
| 1998–2001 | Southern Polytechnic State University | Marietta, GA |
| ■         | Course of study, Physics              |              |

### OTHER INTERESTS

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Small scale farming, mountain biking, pyrotechnics, and independent films.