

# John Kastler

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A Systems Engineer designing and integrating full stack, heterogeneous systems. Interested in automation and “Infrastructure as Code” to create modular, reliable, and reproducible systems to enhance efficiency and security.

## Skill Highlights

- **AWS:** IAM, EC2, RDS, ELB, S3, VPC, CloudSearch, DynamoDB
- **Configuration Management:** OpsWorks, SaltStack
- **Monitoring:** ELK, Grafana, Nagios/Icinga
- **Networking:** Fortigate, Juniper, HP ProCurve
- **Scripting:** Bash, PHP, Python
- **Storage:** iSCSI, NetApp, NFS, Qlogic, Zadara
- **VoIP:** Asterisk, Polycom, Snom
- **Misc:** Apache, BIND, Boto, CSS, Git, Kerberos, Linux, MySQL, OpenLDAP, Openswan, Rundeck, Zimbra

## Work History

Systems Engineer / IT Business Lead

Undisclosed

January 2015 - Present

- Project and Personnel Manager for the Infrastructure and Helpdesk teams
- Developed and oversaw the Information Systems Security Program
- Responsible for design and implementation of everything IT
- Liaison between IT and the various business groups
- Built out private AWS infrastructure
- Automated system provisioning in AWS with Salt Stack and Salt Cloud
- Migrated the bulk of the company’s production systems to AWS
- Implemented Agile / Kanban workflows and methodologies within the IT department
- Mentored junior staff in DevOps practices and tooling

Hosting Engineer

Echo360

March 2014 - January 2015 (signed offer letter Jan 2014, relocated Feb 2014)

- Deployed and maintained 200+ managed-hosting servers in support of legacy product
- Expanded AWS hosting operations to VPCs in AP-Southeast and EU-West
- Designed and implemented AWS infrastructure for next-generation cloud application
- Troubleshoot issues related to AWS, Linux, NFS, Java, and deployment processes
- Coordinated with various teams to foster a unified and consistent vision
- Trained junior administrators in use of DevOps tooling

Systems Administrator

Undisclosed

January 2012 - January 2014

- Maintained the company’s IT infrastructure including servers, SAN, IP network, and backups
- Deployed monitoring systems to provide operations visibility and help meet internal SLA
- Deployed and upgraded vSphere 5.x cluster
- Migrated legacy bare metal servers to a virtualized environment
- Migrated dissimilar storage nodes to redundant solution with an improved SLA
- Migrated LDAP and directory-bound services from Open Directory to Active Directory
- Migrated a multi-node, 6 Terabyte analytics SQL database from OS X to CentOS
- Deployed company-wide wiki, chat, and document management systems
- Consolidated various calendaring systems into a single company-wide solution

- Scripted account sync between calendaring system and LDAP
- Created SQL analytics databases, incorporating nightly updates from vendor-supplied data
- Provided Linux and SQL support and guidance to internal software developers
- Implemented imaging software and processes to facilitate timely and predictable system builds

Systems Consultant

M Dimension Technology

March 2007 - December 2011

- Built and managed custom Asterisk PBX VoIP servers for client telecommunications systems
- Assisted in designing, deploying, and administering a collocation and VPS facility
- Provided IT consulting services for clients' data center operations
- Provided full-stack infrastructure deployment, migration, and management services
- Provided enterprise deployment and integration services on behalf of a Fortune 100 vendor
- Provided Mac support for Circuit City's corporate headquarters
- Provided tier I, II, and III staff augmentation and outsourcing services
- Created and maintained IPSec VPN tunnels between clients' HQ and branch offices

## Education

Bachelors, Information Management

ECPI Technical College

Graduated March 2007

- Summa Cum Laude