

David Mathis

TECHNICAL SKILLS

Computing Architectures *Public Cloud & Datacenter, High Availability, Disaster Recovery, and Web Stacks*

Programming Languages *Python, Bash, Ruby, Fabric, and Perl*

Configuration Management *Puppet, Ansible, git, and Terraform*

Networking *OSPF, BGP, Cisco, Arista, Foundry, Observium, and RANCID*

Linux *Provisioning, Performance Analysis, Shell, and administration in Debian and CentOS variants*

WORK EXPERIENCE

Sr. Systems Engineer, Snapchat (2017 - Now)

- Improving performance and stability of Snapchat infrastructure both in the cloud and on-premise
- Architecting and automating corporate infrastructure and services
- Implementing monitoring and logging for distributed systems to provide visibility metrics

Systems Engineer, (mt) Media Temple (2013 - Now)

- Evaluate & implement new technologies for core infrastructure (ie. Docker, Kubernetes, Ansible)
- Highly-available PowerDNS environment upgrades for CAA support
- Automate infrastructure for reproducible applications and environments
- Assist in transcribing router configurations from Brocade to Cisco during network upgrades
- Integrate infrastructure and operations with GoDaddy
- Support KVM cluster, build system, and repositories for shared development environment
- Design and architect with automatic system recovery wherever possible
- Integrated infosec into operations department to improve customer experience
- Used fabric to automate appropriate reactions to common nagios alerts to reduce interruptions
- Release applications and/or bug fixes to improve stability across our product offerings

Operations Engineer, New Innovations (2009 – 2014)

- Solo Ops engineer for our health care Residency Management Suite (SaaS) used worldwide by thousands of clients
- Migrated internal system from Microsoft Small Business Platform to Enterprise platforms, including Exchange 2003 SMB to Exchange 2010
- Consolidated internal and customer infrastructure re-purposing existing hardware with XenServer
- Documented internal policies systems to create repeatable processes for our internal systems

Network Administrator, Kovatch Castings, Inc. (2006 - 2009)

- Internal network and systems administration
- Developed Windows Group Policies objects to replace local custom batch files for network connections and user storage
- Virtualized core applications on Citrix Presentation server which allowed low-cost dumb-terminals to be installed throughout the plant
- Deployed OpenWrt wireless system throughout plant to increase user mobility range

EDUCATION

Kent State University - Masters in Technology
Graduated: 2010

The University of Akron - Bachelors in Computer Information Systems
Graduated: 2008

CERTIFICATIONS

AWS Associate Certified Solutions Architect, A+, Linux+, Network+, Security+, Server+, Microsoft Certified IT Professional (MCITP) SQL Server 2005, Microsoft Certified Systems Engineer (MCSE) Server 2003, Microsoft Certified Professional (MCP), and former Cisco Certified Network Administrator (2009)

References can be provided upon request