

# 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

### 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