

Thomas R. Zimmerman JR

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SKILLS

Linux / Unix	Shell Scripting, Permissions, Networking, RedHat, Debian, SUSE, Arch Linux
Technologies	Virtualization, Configuration Automation, Monitoring, AWS, DNS, Docker
Programming	BASH, Ruby, JAVA, C#, JavaScript, SQL, CSS, Regular Expressions, JSON, XML

HOMELAB

Home Servers	vSphere 6.5, vROps, Chef, RancherOS, OpenVPN, PRTG, NextCloud, Rocket.Chat, Thycotic Secret Server, CUPS, Pi-Hole, WordPress, KloudSpeaker
Home Network	OpenWRT, QoS, Multiple VLANs, Microsoft DNS, Managed Gigabit Switch
Domain Name	NameCheap, NGINX Reverse Proxy, LetsEncrypt SSL, Apache Webserver

EXPERIENCE

Operations Engineer – Blue Medora *March, 2016 – Present*

- Automating and deploying enterprise software, databases, and operating systems as well as server and network administration in an enterprise VMware environment for 50+ software engineers.
- Design, configuration, administration, and support for all VMware vROps environments used to demonstrate Blue Medora's software to partners and potential customers.
- Engineering solutions to put load on databases and enterprise applications to simulate activity in order to make vROps demonstration environments more interesting and relatable to end users.
- Designing log parsing solutions with regular expressions for a variety of enterprise software.

Lab Administrator – Grand Valley State University Data Communications Lab *Sept. 2014 – Sept. 2016*

- Configuring, maintaining, and imaging over 30 student workstations comprised of a mix of CentOS, Windows 7, and Kali Linux used to teach security, programming, and networking classes.
- Integrating and configuring networking hardware made by CISCO, HP, 3COM, and Dell.
- Managing Microsoft 2008 DNS and DHCP servers as well as a CloneZilla PXE server.

Website Manager – Grand Valley Lanthorn *Sept. 2013 – May 2016*

- Updating website content weekly using Gryphon, a CMS designed by Michigan State University.
- Utilizing Google Analytics to increase traffic throughput, pagehits, and search engine optimization.

Repair Technician – Huizar Machines Computer Repair *June. 2010 – January 2011*

- Troubleshooting and repairing customer workstations as well service calls to customer sites.

EDUCATION

Grand Valley State University – Bachelors of Information Systems *Sept. 2011 – Dec. 2016*

During my time at GVSU I learned advanced programming concepts such as data structures, the OSI model of networking, project management, advanced mathematics, and a plethora of other general education related topics. My time at GVSU contributed to my discovery of Linux and love for FOSS.