

Hunter Modes

3156 Main St. Green Lane, PA 18054

Phone: +1 215.397.2990 E-mail: hmodes@matrix.gs

Applications

Ansible
Terraform
Bind/Djbdns
Datadog
Jamf/Kandji
Intune
Percona/Mysql/Aurora
Nginx/Apache
Okta/Jumpcloud
Ruby on Rails
Redis/Memcached
Zimbra/Exchange
Kickstart/Jumpstart
Zabbix/Prometheus/
Grafana
OpenLDAP/Dir389
Github/Gitlab
Jenkins/CircleCI
Elasticsearch

VM and Platforms

VMware
KVM
Amazon AWS/EKS
Azure
GCP

Operating Systems

Redhat/Centos
Debian/Ubuntu
Solaris
MacOS
Windows

Hardware Platforms

HP Proliant
Dell PowerEdge
Supermicro
IBM X & P series

Storage Platforms

EMC Isilon/Clariion
Netapp
HP 3PAR
Hitachi HDS
ZFS

Networking

IPtables
Juniper M/EX/SRX
Cisco

Protocols

BGP
OSPF
IPv4/6
VRRP
IPsec

Summary

Motivated systems expert with over 20 years of experience in a broad range of industries supporting highly transactional environments under aggressive SLAs.

Experience

Platform Operations Team Lead, Worldpay Inc., Remote, 4/2024 – 7/2025

- Responsible for DevOps and IT functions of Worldpay for Platforms Payment Facilitator service, managing a team of six engineers.
- Lead modernization and platform stability efforts to upgrade and improve PHP/Postgres monolith application while implementing EKS-based microservices architecture for future development.
- Managed vendor relations with AWS, Datadog, etc. and cost-optimized cloud platform operations.
- Deployed CoPilot and ChatGPT Enterprise to enhance employee productivity.
- Worked closely with CISO to maintain PCI 4.0 compliance

IT Operations Manager, MoneyLion Inc., Remote, 12/2021 – 4/2024

- Lead global team of IT engineers supporting MoneyLion and its subsidiaries Engine and Malka Media across six office locations worldwide.
- Implemented Okta, Kandji, Intune centralizing identity and machine management across all organizations.
- Worked closely with People team to implement Sora HR management and streamline on/offboarding of employees.
- Obtained and maintained unqualified SOC2 certifications, implemented policies and performed audits.

Sr. Systems Engineer, Aria Systems Inc., Broomall, PA, 03/2021 – 12/2021

- Managed operations of global cloud-native payment processing system spanning 10 regions and multiple cloud providers.
- Worked closely with customer success and project management teams to deliver customer requested projects in an efficient and timely manner.
- Modernized Ansible infrastructure management and significantly improved unified configuration of cross-cloud systems.
- Began migration of legacy monolith systems to microservices on Kubernetes.

Devops Engineer, EPIX Entertainment LLC., New York, NY, 10/2018 – 9/2020

- Supported development and operations of high-volume video streaming platform based in AWS.
- Primary responsibility for RDS-MySQL to Aurora-MySQL cluster migration using ProxySQL to vastly increase uptime and scalability of Rails-based API.
- Assisted in design and launch of multi-tenant application hosting environment to support EpixNOW direct-to-consumer product.
- Began migration of EC2 environment to EKS Kubernetes.

Sr. Devops Engineer, Audeo Inc., Boston MA, 12/2015 – 10/2018

- Provided Devops consulting services to diverse media clients including Refinery29 and Epix Entertainment.
- Implemented Elasticsearch/Logstash/Kibana stack to process over 300gb/day of logs and provide analytics to development and marketing business units.
- Installed and managed AS63037, providing multi-gigabit dual stack IPv4/6 connectivity and firewalling to Audeo's hosting environment using Linux/Quagga/iptables/contrackd routers.

Systems Specialist, ARRIS Group, Horsham PA, 12/2012 – 12/2015

- Provided staff-augment/escalation support to tier1 video content providers.
- Managed 1300+ core HPC encoding cluster producing 2000 titles/day on HP C7000 and Brocade/Isilon platforms.
- Supported high expectation environments and managed customer interactions
- Assisted sales team in design and details of contract bids.

Sr. Systems Architect, ACN Europe, B.V., Amsterdam NL, 9/2009 – 12/2012

- Lead transition from .NET/Windows CRM platform to Websphere/Linux.
- Migrated SAN to EMC CX4-240 and Cisco MDS-9248.
- Promoted AS38975 to fully autonomous 300mbit routing platform on Juniper M and EX hardware with measurable uptime improvements.
- Redesigned inter-office VPN network in Amsterdam Netherlands, Wroclaw Poland, and Amal Sweden using Juniper SRX and OSPF.

Sr. Network Engineer, Singlesnet.com, Boston MA, 9/2008 – 9/2009

- Managed day-to-day operations of ~4mil user dating site.
- Daily maintenance and oncall responsibilities supporting 400+ systems.
- Primary responsibility for bulk mail architecture, 10+mil messages sent/day.
- Live datacenter migration from XO, Cambridge to CoreSite, Somerville.
- Assisted in preparation for sale of company to IAC/Match.com.

Systems Engineering Technical Lead, Vonage, Holmdel NJ, 10/2002 – 10/2007

- Lead design and scaling of industry-leading Voice over IP platform combining in-house/open-source applications and Cisco/Sonus PSTN infrastructure.
- Engineered and administered all Unix systems servicing DigitalVoice product including SIP Proxies, RTP Relays, DNS, NTP, Mail/Voicemail, Application Servers and Databases supporting over a million customers.

Systems Administrator, Business Software Solutions, Mt. Laurel, NJ 4/2002-10/2002

- Deployed and supported network segmentation and secure VPN connectivity to development and hosting networks used by multiple insurance and financial industry clients.
- Deployed wide range of application server and database systems depending on customer needs. (Tomcat/Weblogic /Oracle/Sybase/Mysql/Postgres).

Systems Administrator, Planet Exchange, King of Prussia, PA 01/2000-03/2002

- Deployed hardware and network for PX Communicator VoIP/IM product using Sun Enterprise servers and Foundry ServerIron/FastIron switching.
- Integrated Connectivity/Server/Mail/DNS on shared infrastructure for multiple companies under parent umbrella.