

## Summary

Senior Systems Engineer with 18 years professional experience in building and maintaining Unix systems including Linux, BSD, Solaris/SunOS and Irix. Designs automation and maintenance processes to create reliable and reproducible practices through tools including Perl, Ruby, PHP and command line shell scripting. Looking for a position to leverage these skills to find solutions for businesses, schools and individuals.

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## Experience

### Senior Site Reliability Engineer, Analysts International; Edina, MN — 2017-Current

Contract support for clients, developing and maintaining solutions for workflow automation and monitoring systems. Jenkins workflows for CI/CD

- Elastic Stack for logging and analysis
- Kafka for document flow control and queuing
- Collectd, Graphite, Grafana and Icinga2 for metric collection and alerting

### Senior Systems Engineer, Digital River; Minnetonka, MN — 2010-2017

Setup applications to replace internal or outgrown tools, including migrating from Splunk to ELK, internal monitoring to Zabbix, reducing reliance on Control-M through Rundeck. Created integrations to operationalize other tools to standardize best practices among staff.

- System Administration of Solaris and Linux
- Network and System Monitoring through Zabbix and ELK
- Automation, Process standardization and documentation

### Prepress System Administrator, Nevada Color Litho; Las Vegas, NV — 2004-2009

As a satellite of Taylor Corporation, I carried out the same migrations here as in Mankato before, then continued to support their environment and help implement new prepress, color-management, proofing, and lithographic plating processes.

- System Administration on Irix, Linux, and Mac OS X
- Network Monitoring with SNMP and Zenoss
- Application support for Adobe CS, Quark, MS Office
- Setup and maintain Symantec/Veritas Netbackup 6.5 system
- Network troubleshooting and support
- Create process automation

### System Administrator, Taylor Corporation — 1999-2003

Supported several hundred design professionals, both on the server side of their file/print needs as well as on the desktop. Championed a transition from Irix to Mac OS X servers. Created a roadmap for other parts of the company to do the same, and the training to smooth the transition and upkeep of the new environment.

- System Administration on Irix, Linux, Solaris/SunOS, Mac OS X, and iSeries
- Network Monitoring with SNMP and Zenoss & Nagios
- Setup and maintain Symantec/Veritas Netbackup
- Application support for Adobe CS, Quark, MS Office
- Network troubleshooting and support
- Create process automation

## Skills

Linux/Unix System Administration  
System Automation & Scripting  
Documentation Development  
Process improvement and standardization  
Network setup and troubleshooting  
Monitoring/Logging analysis and design

## Technologies

Red Hat Linux  
Debian Linux  
macOS  
MySQL/MariaDB  
Ruby, Python, Perl, PHP, Bash  
VMware vCenter  
VMware vRealize Automation  
VMware ESXi  
OpenStack  
Docker  
Chef/Ansible  
ElasticSearch  
Logstash  
Kibana  
Beats  
Kafka  
Grafana  
Graphite  
Zabbix  
SNMP  
Zenoss