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# John Q. Miller

*UNIX Admin, solution scripter, I.T. enthusiast*

## SUMMARY

A long history of UNIX development and deployment, across every possible flavour; an aptitude for network design and implementation, and quick 'n dirty scripting to get things running; experience in offices small and large, with a pinch of management / team-leading.

## EXPERIENCE

### **Systems Engineer, Priority Colo inc.**

Toronto, ON -- 2011 - 2013

Maintained a large scale colocation facility operating in Toronto's financial district.

- Coordinated engineering contractors, customer escorts and emergency on-call pager response.
- Supervised and assisted the performance of UPS and HVAC inspection and maintenance.
- Implemented and maintained a customer helpdesk portal to triage and track customer issues and response time.
- Provided technical support and customer outreach including systems architecture and administration.
- Operated a redundant BGP mesh network, providing fault-tolerant access from several Internet providers to all hosted systems.

### **System Administrator, Afilias corp.**

Toronto, ON -- 2007 - 2011

Maintained and optimized systems at one of the largest top-level domain name providers.

- Spearheaded projects in system design, virtualization, and software engineering, in the maintenance of a scalable company-wide server infrastructure.
- Developed an infrastructure-wide monitoring solution integrating metrics from a range of discrete tools.
- Architected and maintained numerous UNIX tools to improve efficiency of administration and monitoring.
- Monitored day-to-day operations of a small enterprise datacenter, including hands-on operation of physical power and cooling peripherals.

### **Development Analyst, Cedara Software corp.**

Mississauga, ON -- 2004 - 2007

Performed software and systems development at a medical imaging software development company.

- Developed software for server management, client access, and the maintenance of company-wide code repositories.
- Performed UNIX system administration including database management, backups, and storage optimization
- Architected data repositories to meet revision control and strict FDA audit goals.
- Performed web-based service development to optimize developer time and knowledge transfer.
- Administered and optimized remote VPN systems for overseas development teams.

## EDUCATION

### Laurentian University

Sudbury, ON — 1999-2003

Candidate for BSc in Computer Science

### Orillia Networks

Orillia, ON — 1998-1999

Completed Microsoft Certified Systems Engineer training and certification

## SKILLS/TECHNOLOGIES

Systems administration:

- Linux, FreeBSD, Microsoft Windows, VMware ESXi, AIX, Solaris, IRIX, Nagios, Cacti, MRTG, OpenNMS, CPanel

Network administration:

- Cisco IOS (6500/7600), PIX, IP routing/provisioning, DNS/SWIP management

Datacenter operation:

- APC power management, Powerware UPS, Liebert HVAC
- general facility maintenance (raised floor adjustment, airflow surveys)

Software development:

- Perl, PHP, Ruby, Python, Bash.

Virtualization

- VMware/vSphere, Xen/KVM, OpenVZ/LXC, UNIX jails/containers, OS deployment/management/automation

## REFERENCES

Available upon request.