Richard Frost

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Information Systems/Technology Professional

Experience

Skeduna - Lehi, Utah – *January 2014 – Present*

> **Data Engineer:** As the second full-time member of Skeduna, I have been able to help build the organization from the ground up. I have been called upon to work in multiple capacities, though my main area of focus is technology. I worked on building our platform with Ruby on Rails and PostgreSQL. I have worked heavily on database design, business logic, and data acquisition. We built a system to integrate with Student Information Systems (SIS) APIs. I also helped design and implement our platform's API, which is compliant to the JSON API spec. I am also involved in various front-end projects involving HTML, CSS, and AngularJS. Other responsibilities include network management, virtualization, Microsoft Azure management, and other IT related tasks.

NetDocuments - Lehi, Utah - *November 2012 – May 2014*

> **IT Associate:** As a member of the NetDocument's IT team I helped support and maintain corporate networks, data-centers, and servers. My main areas of focus were Windows Server management, HyperV virtualization, Linux administration, Physical server maintenance and configuration, networking. Participated in implementing a large-scale deployment of SOLR for searching. It involved planning, installing hardware and software, developing deployment plans and methods, as well as performing the actual deployment.

MultiLing Corporation - Provo, Utah - *November 2009 – November 2012*

> **IT Specialist:** Responsible for network, server, and website administration. Other duties include helpdesk support, providing technology training to employees, and overseeing the IT needs of 6 international offices and over 200 employees worldwide. In this capacity I also helped plan and implement large technological projects such as upgrading several production servers from Windows Server 2003 R2 to Windows Server 2008 R2, moving the company's infrastructure to a new location, and virtualizing the data center using VMware's ESX platform.

QeNETS - Lehi, Utah - *January 2009 - December 2010*

> **Network Engineer:** Provided outsourced IT solutions to over 35 local organizations. Tasks ranged from network configuration, performing backups, and virus removal. Services that were offered included security audits, consultations, email, VoIP, and web hosting.
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> **Linux Administrator:** Managed Ubuntu and CentOS servers running Apache and Postfix. Responsibilities included maintaining MySQL databases, installing system patches, and user management.

Education

B.S. Information Systems with minor in Business Management - December 2011

My studies focused on advanced technology topics in the fields of networking, security, relational databases, systems design and administration. To supplement these courses I also participated in business oriented courses such as accounting, economics, business law, and organizational behavior.

Utah Valley University - Orem, Utah **GPA 3.77/4.0**

AS Information Systems/Technology Degree with Honors - August 2010

Coursework included general education in addition to Linux administration, computer networking and database management.

Utah Valley University - Orem, Utah **GPA 3.62/4.0**

Attended: AS Computer Science - April 2006

Studied Computer Science for two semesters; my courses focused on procedural and object-oriented programming practices.

Snow College - Ephraim, Utah

Technology Experience Summary

Software: Microsoft Office (365), Active Directory & Group Policy, Dell KACE, Spiceworks

Desktop OS: Microsoft Windows, Linux, Mac OS X

Server OS: Windows Server (2003 – 2012 R2), Linux: Fedora, CentOS, Ubuntu, SLES, Debian

Virtualization: Microsoft Hyper-V, VMware ESXi, VMware Workstation, VirtualBox

Languages: Ruby, Ruby on Rails, PowerShell, Bash, VBScript, HTML, CSS, C++

Web & Email: Apache, IIS, Postfix, Microsoft Exchange

Databases: PostgreSQL, MySQL, SQLite, Microsoft SQL, Oracle, MongoDB

Networking: Cisco (CCNA training), enterprise switches, firewalls, routers, load balancers, WAN optimization

Hardware: Troubleshooting, maintenance, upgrades, research & planning

Storage: NetApp, Dell EqualLogic SANs, CommVault Simpana, tape, data recovery