

Sam Stelfox

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Professional Experience

- Jan 2012 - Feb 2013 **Ruby Developer**, *Democracy for America*, I worked as a Ruby developer building a large scale Rails web platform as specified by the rest of the staff. Throughout the process our team of two employed TDD and agile development processes, had to massage large bodies of unvalidated legacy data into a the new data structures and integrate with a wide range of external APIs of varying qualities..
- Jan 2007 - Jan 2012 **Network Administrator**, *Vermont Technical College*, As the Network Administrator for Vermont Technical College I was responsible for managing the school's network infrastructure, Linux, and Windows servers. The job required some development of miscellaneous internal tools for integration, reporting, and monitoring..
- Aug 2005 - Jan 2007 **IT Support Staff**, *Vermont Technical College*.
I was tier 1 technical support for the staff, students, and faculty of Vermont Technical College's Randolph campus. I worked closely with the rest of the staff to help configure, maintain, troubleshoot, and deploy systems. I additionally provided support for any Mac or Linux system that came into the department.

Skills

I have comprehensive knowledge of maintaining, monitoring, configuring and deploying Linux servers and a wide range of applications on top of them. This is mostly limited to RedHat architectures, however, Debian based distributions are not entirely foreign.

My knowledge of Windows networks is fairly complete, though not as extensive as that of Linux. I have experience in managing a multi-site domain within a larger forest, as well as Exchange 2003, 2007, and 2010.

I am comfortable configuring a wide variety of network gear including Cisco (IOS, PIX and ASA) switches, routers and firewalls, as well as Aruba wireless gear.

All of my jobs to date have required programming skills in various languages to provide utilities and easy interfaces to otherwise obscure data. This culminated at Democracy for America as a full time Ruby development position that involved the design and build-out of an API over a large dataset and integrating other data APIs transparently through DFA's design. A full scale Rails web application was built along side this as a means of collecting additional data.

A more extensive breakdown of my skills and history is available on request.

Programming Languages

- Bash (Fluent)
- PHP (Fluent)
- Ruby (Fluent)
- C/C++ (Passable)
- Javascript (Passable)
- Java (Comprehension)
- Python (Comprehension)

Education

2005 - 2007 **Incomplete BS in Software Engineering and Informational Technology**, *Vermont Technical College*, Vermont Technical College offered me a job as their network administrator in the middle of my second year. As it was a full time position my progress towards the degree slowed substantially. I have every intention of completing my degrees, though not at Vermont Technical College. My GPA as of the end of my last term was 3.226.

2005 **Middlebury Union High School Graduate.**

Achievements

2012 **Part of a two man team that deployed a Rails web application for a multi-million dollar corporation..**

Affiliations

Vermont Hackerspaces, Inc, *Founding Member, Board, President.*

Vermont Hackerspaces, Inc. was organized exclusively for scientific, and educational purposes. Specifically, Vermont Hackerspaces, Inc. is a member driven organization focused on promoting experimentation and exploration of technical and creative projects, while providing educational resources and activities to the public.