Andrew Miller

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Git: https://github.com/nixy

EDUCATION

Bachelor of Science in Computer Science
The College of New Jersey, Ewing, NJ
May 2016

SKILLS

- Linux Administration, Nix/NixOS, Apt, Snap, Flatpak, Vagrant, Packer, Docker
- Ruby, Bash, Python, Javascript, POSIX SHELL
- Networking, LaTeX, Tor, Selenium, VirtualBox
- Gitlab CI, Jenkins, Cloud Foundry, Sentry, NewRelic, Grafana, Kibana, RabbitMQ, Redis

PROFESSIONAL EXPERIENCE

Tabula Rasa Healthcare, Moorestown NJ	2018-Present
Software Engineer II, Production Validation	May 2020 - Present
Software Engineer, Production Validation	Jan 2018 - May 2020

- Ensured all code pushed to production met acceptance criteria and didn't introduce regressions
- Used a custom Ruby framework to automate end to end testing using Selenium and other ruby libraries to interact with non browser based services (SQL, Redis, RabbitMQ, etc)
- Maintained custom Ruby framework and other internal tools and infrastructure for team consumption
- Designed and maintained teams cloud deployment process to allow running tests off of local computers and at all times of day
- Maintained teams development environment using Vagrant, Packer and VirtualBox. Wrote scripts to ensure all dependencies were setup automatically and supported other team members learning bash scripting to meet their own needs

Linode LLC, Haddonfield NJ	2016- Jan 2018
Customer Support Specialist	2016-2018
Trust & Safety Expert	2017-2018
System Administrator	2017-2018

- Provided extensive customer support for Linux based system through phone & ticket systems
- Helped shape & enforce policy for handling abuse of Linode's platform
- Maintained and monitored Linode's running systems

HOBBYIST EXPERIENCE

I maintain some personal infrastructure and provide services for my friends & family. I have been doing so since 2017. These services include:

- A Tor Exit relay to support internet freedom.
- A self hosted Jitsi/Mumble server to provide secure voice/video communications for friends & family
- A self hosted Matrix server that federates with other matrix servers owned by my friends