Andrew Miller

Phone: (609) 462-0663 Email: nixy@nixy.moe
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, Regular Expressions
- Networking, LaTeX, Tor, Selenium, VirtualBox,
- Gitlab, Gitlab CI, Jenkins, Sentry, NewRelic, Grafana, Redis, ELK
- RabbitMQ, CouchDB, Postgres, Bosh, Cloud Foundry, Kubernetes

PROFESSIONAL EXPERIENCE

Tabula Rasa Healthcare, Moorestown NJ   2018-Present
Cloud Engineer II   May 2022 - Present

- Ensured uptime and applied updates to critical infrastructure supporting development teams
- Worked with development teams to design pipelines and deployment workflows that met their specific needs
- Maintained common platform (Cloud Foundry) for all applications to deploy into
- Participated in on-call rotation and incident management processes
- Maintained a on-call Docker image that contained all the tools needed to interact with any of the systems the team was responsible for

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 prevented regressions
- Used a custom Ruby framework to automate end-to-end testing using Selenium and other ruby libraries to interact with non HTTP services
- Wrote automated integration tests using Ruby framework to interact with HTTP services, RabbitMQ and various databases
- Maintained custom Ruby framework and other internal tools for team consumption
- Designed and maintained teams cloud deployment process to move test runners off local computers
- Maintained teams' development environment using Vagrant and VirtualBox, wrote scripts to ensure all dependencies were setup automatically

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 & 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