Jeremy Bobbin

Junior Network/Systems Admin

Unix power user with a passion for optimizing workflow through the use of extensible tools.

Professional Certifications

2019-2022	**CCNA Routing & Switching** - Cisco Certified Network Associate **CCENT** - Cisco Certified Entry Network Technician *Credential ID: CSCO13456080*
2019-2024	**LPIC-1** - Linux Professional Institute Certification *Credential ID LPI000420911*

Technical Experience

Website

Develops and maintains a one-page web application and server-side API (https://jer.cx/)

- ReactJS front-end, Rustlang backend using a PostgreSQL database
- Serves HTTP over SSL
- Repo: github.com/jeremybobbin/jer.cx

Home Lab

Maintains personal Arch Linux machines and VPS

- Authentication and authorization is handled by the VPS, via OpenLDAP over LDAPS and Kerberos. Credentials are cached on client machines via RedHat's System Security Services daemon(SSSD).
- Local machines and the VPS communicate over VPN with OpenVPN. All machines exchange IP routes via OSPF, thanks to Quagga's OSPF daemon.
- Other configured services include Dovecot, NFTables, OpenSSH, Postfix, PostgreSQL, Rsyslog, BIND's name daemon, the LLDP daemon and the NTP daemon.

Programming Languages

Bash/Posix Shell: Wrote various POSIX-complient shell scripts (github.com/jeremybobbin/dotfiles) to ease configuration deployment and to help improve development workflow.

Rustlang: Wrote a terminal based filebrowser(github.com/jeremybobbin/browser) and helpful command-line applications, including many POSIX-compliant 'coreutils'

JavaScript: Wrote a number of React user interfaces, as well as server-side web APIs with NodeJS

Professional Experience

May - Dec, 2017 **Clerk/Cashier CVS Pharmacy:**

- Process customers' purchases
- Stocking shelves, taking inventory
- Cleaning, vacuuming, taking out trash

Education

2012-2016 **High School Diploma**

Olympia High School - (Orlando, Florida)

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