Jeremy Bobbin

Systems Administrator

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://www.jer.cx/)

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

Home Lab

Maintains personal Linux machines and Virtual Private Server

- Authentication is handled by the VPS, via OpenLDAP over LDAPS and Kerberos. Credentials are cached on client machines via RedHat's System Security Services daemon. Authorization is handled by PAM and the SSS PAM modules.
- Local machines and the VPS communicate over VPN with OpenVPN
- Other configured services: OpenSSH, Postfix(SMTPS), Dovecot(IMAPS), Quagga(OSPF) and NTP.

Programming Languages

Bash/Posix Shell: Wrote various shell scripts(github.com/jeremybobbin/dotfiles) to help improve development workflow, to ease configuration deployment and to improve my desktop experience as a whole.

Rustlang: Wrote a terminal based filebrowser(github.com/jeremybobbin/browser) and helpful command-line applications, including Posix utilities

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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