Shel Vacu Tebbs

https://github.com/shelvacu

for email to send job offers, see jobs.shelvacu.com
Seattle, WA, USA

SKILLS

Programming	Proficient in Rust, Ruby on Rails, Javascript, Typescript, HTML/CSS
	Competent in C, C++, Python
Software	Linux CLI/Management Expert, Git, Mercurial, systemd, NGINX, NixOS
Soft skills	Customer Service, Intuition, Attention to detail

EXPERIENCE

Sole Systems & Software Engineer   Feb 2015 — December 2016 | December 2018 — December 2021
Vetco Electronics in Bellevue, WA

- championed a new solution based on a Ruby on Rails open source project.
- extensively modified and improved the e-commerce solution to fit Vetco's needs.
- manage all Linux servers and various Bash shell scripts to host Vetco's website in-house.
- write SQL statements and design new schemas in PostgreSQL for new features.
- create HTML/CSS with Javascript and VueJS for the frontend.
- listen to new business requirements, give estimates/feasiblity, and design and implement new features.

Self-employed Software Engineer   March 2017 — December 2018
Shelvacu Freelancing

- researched, verified and documented a full, formal setup guide for a postfix email server.
- designed and created a Drag-n-Drop Software Development UI using Electron, SVG and Typescript on the frontend, and C++ on the backend.
- designed a web UI for a Raspberry Pi to control an industrial testing device. It was made to be both easy to use via a touch-screen and resilient to sudden power drops and other failures.

Full-stack Software Engineer   March 2022 — December 2024
HONK Technologies

- designed and implemented new solutions for a full-stack Ruby on Rails system.
- worked closely with the team to deliver high-quality, production-grade agile software to serve hundreds of thousands of customers.
- responded to, triaged, and resolved real-time production outages while on-call.

SELF-STUDY PROJECTS

Fast Word Rectangle Finder (FWRF)   https://github.com/shelvacu/fwrf
"Word Rectangles" are like the ultimate crossword; A grid where every row and every column is a word. Makes use of multithreading, ranged integers using const generics, and some unsafe code for SPEEED. Written in Rust.

Cetrizine   https://github.com/shelvacu/cetrizine
A program to connect to the Discord API and record absolutely everything that goes on into a PostgreSQL database for archival purposes. Written in Rust.