Logan Swartzendruber

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Summary

A passionate full-stack software engineer with expertise in Python, Rust, PHP, React, TypeScript/JavaScript, Lua, and Go. Experienced in building complex full-stack web applications as well as smaller, more focused microservices. Strong problem-solving skills and a commitment to writing clean, maintainable code.

Education

Aug 2018 – May 2020   **Goshen College**, Bachelor of Arts in Computer Science

Aug 2016 – May 2018   **Hesston College**, Associate of Science in Computer Science

Experience

Dec 2024 – Jan 2026   **Senior Software Engineer**, Viewrail

- Co-led a team of 5 developers working on the company's ERP web application
- Explored and developed new technologies and tools to improve development workflows
- Mentored junior developers and conducted code reviews

July 2020 – Dec 2024   **Software Engineer**, Viewrail

- Implemented new features, bugfixes, and optimizations to the company's ERP web application
- Designed and built a printing microservice used by several internal applications
- Designed and built an internal shipping management application used by warehouse staff
- Orchestrated multiple major version upgrades of bedrock dependencies including React, Laravel, and PHP

July 2019 – July 2020   **IT Associate**, Viewrail

- Provided technical support to employees across various departments
- Designed and developed internal tooling to automate and standardize computer setup and provisioning

Projects

Sept 2020 – Jan 2026   **Internal ERP @ Viewrail**

The internally developed and maintained ERP system at Viewrail, used by most departments in the company for day-to-day operations.

- Technologies: PHP (Laravel), MariaDB, Redis, React, Typescript, GraphL, REST, Docker, AWS

June 2021 – Jan 2026 **Printing Microservice @ Viewrail**

A microservice that handles a majority of printing logic and intrastructure for other applications used internally at Viewrail.

- Solo project
- Technologies: Python, Flask, Docker, CUPS
- Drastically reduced development time for other internal projects requiring advanced document printing functionality
- 5000+ requests a day, regular uptime of 6+ months

Aug 2021 – Jan 2026 **Shipment Tracking app @ Viewrail**

Viewrail ships a large portion of their product via their own subsidiary shipping company, and they required an application to track shipment and package locations in their warehouses.

- Solo project
- Handled all package and shipment location tracking up to delivery
- Built on the same tech stack as the ERP to simplify cross-training

Oct 2020 – Jan 2026 **Shipping Scale API @ Viewrail**

An API service that exposed USB and Serial scales to certain internal web applications, over a lightweight WebSockets connection.

- Solo project
- Technologies: Python, PyInstaller, pySerial, WebSockets
- Supported all standard USB scales, and many serial scales
- Prebuilt React Hooks for effortless integration with other internal projects using React

Nov 2022 – present **BigRedGuy**

A web app for simplifying communication around "Secret Santa" / Christmas gift giving. Users can create and share lists, see other people's lists, and let everyone but the giftee see what has been bought for them.

- Technologies: Rust, Tokio, SeaORM, Rocket, React, Chakra UI
- Built for personal use, and as a learning project for Rust

Sept 2019 – present **Open Source contributions**

In addition to my own projects, I've also contributed to a number of open source projects online.

- github/combine-prs – Added an option to use a fresh base branch
- grokability/snipe-it – Added the ability to print individual labels
- nuwave/lighthouse – Added a new CLI flag for deterministic outputs
- netromdk/vermin – Added support for the 'pre-commit' framework
- mistweaverco/kulala.nvim – Bugfix for GraphQL logic
- lewis6991/hover.nvim – Added support for overridable highlight groups

Technologies

Languages: Python, Rust, PHP, Laravel, React/JSX, TypeScript/JavaScript, HTML/CSS, Lua, Go, SQL, GraphQL, Bash, Powershell, Vimscript, Markdown

Software: Linux (Ubuntu, Debian, Fedora, NixOS), Windows, macOS, Git, Docker, GitHub Actions, MySQL, MariaDB, SQLite, Redis, Nginx, Apache, Flask, REST APIs, Vim/Neovim

Methodologies: Agile, Scrum, Kanban