

Angelo Fallaria

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Software engineer with 1.5+ years of experience, Go/Rust enthusiast, and open-source developer.

Professional Experience

Software Engineer @ SofSafe

May 2022 — Nov 2023

(Remote) New Mexico, USA

- Architected the system for usage-based Stripe billing, recuperating 100% of cloud/SAAS expenses.
- Helped architect the schema for 25+ GCP backend endpoints and 90+ Cloud Firestore collections.
- Developed a client-side **Rust**/WebAssembly search engine library, faster than native JS equivalents.
- Created a web scraper in **Go** using Colly to scrape website data for the client-side search engine.
- **Technologies:** GCP, Go, Rust, Python, TypeScript, Vue, Tailwind, Cloud Firestore, Twilio, SendGrid

Open-source Experience

htmx-go — Personal

Nov 2023 GitHub [★ 421 stars, 6 forks]

- Created a type-safe **Go** library that can handle all **HTMX**-adjacent code on the server side.
- Wrote thorough usage documentation, and doc comments on 100% (65+) of exported symbols.
- Library is used in the [Gowebly](#) CLI tool (★ 265 stars) as the HTMX interface for generated projects.
- Project was featured in the newsletter **Golang Weekly** with 36,000+ subscribers on [Issue #486](#).

Core Maintainer @ Waycrate

Dec 2021 — Present waycrate.github.io

- Co-founded Waycrate, an organization with 6 members building open-source tools in **Rust** and **Zig**.

litok — Waycrate

Dec 2023 SourceHut

- Built an embeddable scripting language implemented in **Rust** inspired by Lua, Python, and JavaScript.
- Created 36 table-driven unit tests with 150+ total test cases for the lexer, parser, and evaluator.
- Wrote the EBNF (extended Backus–Naur form) grammar description of the language.

swhkd — Waycrate

Jan 2022 GitHub [★ 589 stars, 35 forks]

- Created swhkd's config language parser in **Rust** using test-driven development with 20+ unit tests.
- Patched security vulnerability [CVE-2022-27814](#) (PR [#122](#)).

Skills

Languages: Go, Rust, Bash, HTML/CSS, JavaScript, TypeScript, Python

Web libraries/frameworks: HTMX, Tailwind CSS, Echo, Chi, Templ

Tools: Git (Conventional Commits), GitHub, Vim (Neovim), Debuggers (GDB, Delve), Trello

Cloud/Servers: Linux (Arch Linux), Google Cloud Platform, Cloud Firestore

Education

Senior High School, STEM @ Mapúa University Makati

2021

(Remote) Metro Manila, Philippines

- In 2021, decided to fully focus on professional software development and open-source software.