Angelo Fallaria

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Software engineer with 2 years of experience, Go enthusiast, and open-source maintainer.

Professional Experience

Software Engineer @ SofSafe

📅 May 2022 — Jul 2024   📍 (Remote) New Mexico, USA

- Migrated a 20K+ LoC legacy Python 2 Flask application on GCP to Python 3 with FastAPI.
- Built an invoice creation web app with **Go** that calculates hourly pricing using Trello board data with 100% accuracy.
- Architected a system for usage-based Stripe billing, recuperating 100% of cloud/SAAS expenses.
- Helped architect the schema for 25+ GCP **Python** endpoints and 90+ Cloud Firestore collections.
- **Technologies:** GCP, FastAPI, Python, Go, TypeScript, Vue, Tailwind, Cloud Firestore, Twilio, SendGrid

Open-Source Projects

Maintainer @ Einstein Engines

📅 Jan 2025 — Present   ⦿ GitHub [★ **83** stars]

- Maintainer of Einstein Engines, a fork of the multiplayer game **Space Station 14** with an ECS-based **C#** engine.
- Implemented new gameplay features and content reaching more than 2,000+ players.

htmx-go

📅 Nov 2023   ⦿ GitHub [★ **797** stars]

- 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 (★ **1.1K** stars) as the HTMX library for generated projects.
- Project was featured in the newsletter **Golang Weekly** with 36,000+ subscribers on Issue #486.

litok — Waycrate

📅 Dec 2023   ◯ SourceHut

- Built a 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 [★ **785** stars]

- 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: Python, Go, Rust, C#, Bash, HTML/CSS, JavaScript, TypeScript

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

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

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

Education

Senior High School, STEM @ Mapúa University Makati

📅 2021   📍 Metro Manila, Philippines

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