Skills

Proficient in building cross platform desktop GUI, web and android apps.

Languages: C++, Rust, Typescript, Python

Libraries and APIs: Tauri, Vulkan, PostgreSQL, ReactJS, Next, TailwindCSS

Tools: Git, CMake, Github CI/CD, Docker, Nginx, Visual Studio, VSCode

Projects

OpenMapsApi

A rust project to simplify the use of Open Source maps in your applications without depending on external costly alternatives.
- A fast backend api in rust using Poem framework for reverse geocoding locations
- Parses and loads the Open Street Data in a postgresql database
- A frontend UI written in rust running on WASM
- Multi container application with a Nginx ingress

Animeflix

An easy to host NextJS project for streaming and finding Animes using custom backend api for proxying and streaming.
- User friendly UI using TailwindCSS
- Custom React hooks for responsive web pages and fetching contents
- Custom VideoPlayer components for accessibility and VideoControls for smooth ux.
- Local Storage so you can resume where you left.
- Supports streaming MP4 and HLS live streams
- Fully dockerized app that can be run and deployed anywhere
- Redux for managing state

NexOS A wip operating system written in pure rust with custom UEFI bootloader.

CCache Workflow A Github CI action to speedup compilation times by using CCache. Cross platform support except for partial MSVC support.'

Anime-Cli A python cli script so you can stream animes from your terminal!!

Open Source

Poem Web Framework:

- Improved OpenAPI support in the framework
- Implemented Derive Macros to increase developer experience
- Added new tests to increase test coverage

About Me

I am a software developer with interest in learning and adopting new technologies. My experience spans cross-platform desktop GUI, web, and Android app development and writing python scripts.. I am passionate about contributing to innovative projects and thrive in collaborative and challenging work environments.