

# Michael Felix Miele-Herndon

[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

I'm passionate about creating software that's useful, intuitive, and fun to use. I take the time to think through the entire scope of an implementation; a smart design does more than half the work! I believe agentic tools are for more than just autocomplete, and use them for planning, researching, and review.

## RELEVANT EXPERIENCE

### Software Dev & Automation Intern - Ei3, Pearl River NY

April 2020 - August 2022

Developed scripts to automate the testing of newly assembled production machines. Automated and streamlined the company's testing procedures. Performed unit testing on release candidates of the company's internal software, ensuring its overall reliability.

### Independent Software Developer

Jan 2023 - Present

Solo software practice combining contract work with personal products in active operation. Responsible end-to-end: architecture, implementation, deployment, operation/maintenance, and support.

Client work:

- Built [sparklebooks.store](#) for an independent NY bookstore (2025): a Django website with a Stripe-based online storefront, event & class calendar plus registration system, with Anthology and Bookshop integration.
- Built [cabinfeverband.com](#) for an indie rock band (2025): a Django website with accounts, a merch shop, and a custom admin panel for showtimes.
- Built [trioluna.com](#) for a Costa Rica-based Latin Folk trio (2024), a static Django website.

Own products: Operate [clyppy.io](#), [insightbot.gg](#), [marginalia.gg](#) solo; continuous deployments, monitoring, and customer-facing support handled directly across all three products.

### Full-Stack Developer - An Abstract Level (EffortlessAPI)

May 2025 - Present

Designed backend & frontend services across internal projects and NDA client engagements. Shipped data modeling and concurrency decisions on most assignments - from design to production and testing.

[SSoTme CLI](#) - Designed and shipped the cross-platform installer and cloud sync system for an open-source developer CLI; also resolved chronic bugs.

[EffortlessBases](#) - Owned most of the frontend and key backend systems. Built a database-diff → migration sync pipeline (extending Stripe's [pg-schema-diff](#)) and an AI-powered SQL formula error diagnosis system.

Manhattan, NY

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## EDUCATION

### Bachelor of Science Computer Science

University of Rhode Island  
2020 - 2024

### High School

Green Meadow Waldorf School  
2016 - 2020

## SKILLS

### LANGUAGES

Python, JavaScript/TypeScript,  
C++, C#, Bash, Go

### BACKEND | FRONTEND

Django, FastAPI, Alembic, React,  
Angular, HTML/CSS

### INFRA

Linux, PostgreSQL, Redis, Docker,  
Kubernetes, nginx, systemd, cron

### OTHER

Soldering, Circuitry, FAA Part 107  
Certified

## FEATS

Student Council (GMWS)

FIRST Robotics (GMWS)

3x Dean's List (URI)

## SPOKEN

English (Native)

Spanish (Intermediate)

## PROJECTS

[clyppy.io](https://clyppy.io) | 2023

Discord video application · 4,000+ servers · 1.6M videos embedded · Python · Django · PostgreSQL · async Discord client

[insightbot.gg](https://insightbot.gg) | 2026

Discord server analytics with AI-written weekly digests · Python · FastAPI · PostgreSQL · React · async Discord client

[marginalia.gg](https://marginalia.gg) | 2026

Social book tracking for Discord servers · imports reading status from Hardcover · Python · FastAPI · PostgreSQL · React · async Discord client