

Paul Vinueza

Full Stack Engineer hosting various services including my portfolio on a self-managed 3-node Kubernetes cluster. I daily drive Linux, build with Go, and love breaking things in non-production environments.

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📍 US Citizen

🌐 www.paulvinueza.dev

SKILLS

- Languages: Golang, TypeScript, Python, SQL (PostgreSQL), Bash.
- Backend & Tools: Gin, FastAPI, RESTful APIs, HTTPie, RabbitMQ, Redis, Node.js.
- Frontend Technologies: React, React Query, React Joyride, GSAP, React Three Fiber (R3F).
- Infrastructure & DevOps: Ubuntu Server, Proxmox, Docker, Kubernetes (K3S), Self-hosting, Vim Motions.
- AI Stack: Local LLM Orchestration (AnythingLLM + Ollama), Prompt Engineering, Gemini CLI, Cursor.
- Developer Ecosystem: Obsidian, HTTPie, Jira, Git, Yarn

EXPERIENCE

Project Babel (NATO Capstone)

Backend Lead

01/2025 to 08/2025

- Led backend development for a multilingual translation platform sponsored by NATO, achieving real-time translation with high accuracy.
- Designed and implemented a scalable MVC architecture using Python and FastAPI, capable of handling high volumes of concurrent requests.
- Authored technical documentation and managed the team backlog via Jira, ensuring timely delivery and effective collaboration among five engineers.

Shawarma Bros – Cleveland, OH

Freelance Full Stack Developer

06/2024 to 12/2024

- Developed and deployed a full-stack MERN application for online food ordering, currently in active use by the client.
- Built a customer-driven interface integrating Google Maps API and Google Reviews to enhance usability and credibility.
- Added a direct EmailJS-based customer-to-owner communication system for efficient feedback and inquiries.

PROJECTS

Portfolio (League of Legends Inspired)

08-2025 to Present

- Re-architected a serverless portfolio into a fullstack application by migrating from Vercel Functions to a custom Go backend using the Gin framework.
- Migrated the application from Vercel to a self-hosted Linux environment to gain full control over the deployment pipeline and system resources.
- Optimized real-time data delivery by integrating a Go-based progress API with Redis cache for personal professional and coding statistics.

TinyAutomator

03/2025 to 05/2025

- Co-developed a scalable no-code automation platform using Go, React, and PostgreSQL.
- Built an event-driven workflow engine with Google API integration for robust automation capabilities.
- Using Go's built in debugger I fixed a hidden import cycle issue.

EDUCATION

University of Central Florida- Orlando, FL

Bachelor of Science: Computer Science

August 2025

LINKS

- Github: <https://github.com/paulvinueza30>
- LinkedIn: <https://www.linkedin.com/in/paul-vinueza>