# TIMOTHY CEVALLOS

**SENIOR FULL-STACK SOFTWARE ENGINEER | SAAS, AI & ENTERPRISE PLATFORMS**

239-776-4510 | timcev@gmail.com | Remote (US) | Portfolio | GitHub | LinkedIn

## PROFESSIONAL SUMMARY

Senior full-stack software engineer with 9+ years of experience delivering production systems across enterprise modernization, SaaS, payments, applied AI, and high-traffic consumer platforms. Lead technical discovery, architecture, implementation, security, deployment, and production support across enterprise teams and client engagements. Experienced in TypeScript, Python, PHP, React, Next.js, NestJS, PostgreSQL, and AWS.

## TECHNICAL SKILLS

**Languages & frontend:** TypeScript, JavaScript, Python, PHP, SQL, React, Next.js, Tailwind CSS, Vue, Alpine.js

**Backend & data:** NestJS, Node.js, FastAPI, Laravel, REST APIs, PostgreSQL, MySQL, Redis, Qdrant, Prisma, BullMQ

**Cloud, AI & platforms:** AWS, Docker, GitHub Actions, Railway, WordPress VIP, Contentful, WooCommerce, RAG, LLM integrations, Stripe Connect

**Engineering:** System architecture, multi-tenancy, CMS migration, offline-first PWAs, RBAC, CI/CD, WCAG, automated testing, performance optimization

## PROFESSIONAL EXPERIENCE

**Samtek — Senior Full-Stack Engineer | Mar 2026 – Present**

*Government digital-platform modernization | Remote*

- Own technical planning and implementation of government platform modernization, spanning CMS architecture, migration sequencing, security remediation, and deployment readiness.
- Serve as primary engineer responsible for technical delivery, client coordination, project continuity, and onboarding following team restructuring.
- Develop reusable WordPress/Gutenberg components and CMS design-system patterns supporting accessible editorial workflows and consistent publishing.
- Evaluate Contentful and WordPress modernization strategies, translating architectural tradeoffs, dependencies, and delivery risks into phased stakeholder recommendations.

**Independent Contractor — Senior Full-Stack Software Engineer | 2025 – Present**

*Selected freelance and agency engagements through Cevallos Systems | Remote*

- Architected, designed, and delivered a custom Next.js analytics platform for a third-party agency, integrating transactional and usage data from multiple APIs with optimized PostgreSQL storage, scheduled ingestion, and interactive reporting.
- Built a production Athlean-X AI support platform using Next.js, FastAPI, Qdrant, Redis, and PostgreSQL, combining hybrid retrieval, catalog-constrained generation, streamed responses, and safe fallbacks.
- Designed ingestion and embedding workflows for 250K+ historical Zendesk tickets, including spam filtering, deduplication, preprocessing, and retrieval evaluation.
- Implemented an administration dashboard for prompt and catalog management, analytics, and Anthropic, OpenAI, and Ollama integrations.
- Provided ongoing WordPress and WooCommerce engineering support, custom API integrations, transactional workflows, and performance optimization; owned delivery from discovery through production support.

## PROFESSIONAL EXPERIENCE (CONTINUED)

**Nielsen — Full-Stack Developer | Jan 2022 – Jul 2024**

*Enterprise publishing platform | WordPress VIP | Remote*

- Reduced recurring reporting work from weeks to minutes by integrating Google Sheets data with dynamic chart generation, replacing manual editorial reporting workflows.
- Built reusable Gutenberg blocks and Alpine.js/Tailwind components on WordPress VIP within enterprise performance, accessibility, security, and coding standards.
- Partnered with editorial, SEO, marketing, security, and QA teams to deliver testable features, editorial tooling, and internal deployment utilities for a high-traffic platform.

**RCH Tech Solutions — Full-Stack Developer | 2018 – 2022**

*Primary engineer for Athlean-X | Remote*

- Owned development across WordPress themes, custom PHP APIs, and a Zend Framework customer portal serving a brand with 100K+ daily visitors.
- Led a responsive, accessible PWA redesign and built a Laravel in-browser video editor supporting editorial production workflows.
- Developed analytics dashboards, catalog experiences, and workflow automation for marketing and content teams, supporting high-volume publishing operations.

## SELECTED ENGINEERING PROJECTS

**Paganki — Creator & Lead Software Engineer**

*Independent SaaS | Next.js, NestJS, Prisma, PostgreSQL, Stripe Connect, Clerk*

- Built a multi-tenant invoicing, quoting, and subscription platform with scoped merchant APIs, RBAC, multilingual interfaces, and customer-facing billing flows.
- Designed idempotency-protected plan changes, Stripe webhook processing, subscription lifecycle management, and audit history to prevent duplicate billing actions.
- Implemented payment reconciliation, merchant dashboards, feature entitlements, typed API contracts, validation, and tenant-scoped authorization.

**Sapimanta / Runa Shimi — Creator & Lead Software Engineer**

*Public language-learning platform | TypeScript, NestJS, Next.js, PostgreSQL*

- Shipped a TypeScript monorepo with 37 NestJS domain modules and three Next.js 16 apps: offline-first learner PWA, authoring CMS, and multilingual marketing site.
- Implemented adaptive lessons, spaced repetition, placement assessments, dialect variants, and eight exercise types from immutable published content packs.
- Built service-worker and IndexedDB synchronization with retry-safe queues and iOS/Android builds using Capacitor; implemented JWT, RBAC, and Stripe entitlements.
- Established 137 Jest test suites, Playwright and axe checks, Redis caching, BullMQ workers, Sentry, Docker, and GitHub Actions deployments to Railway.

**Kipi Apay — Creator & Lead Software Engineer**

*Multi-tenant business management SaaS | TypeScript, Next.js, NestJS, PostgreSQL | kipiapay.com*

- Designed a multi-organization, multi-location business management platform for small businesses, covering catalog, inventory, sales, expenses, and operational reporting.
- Developed product category and variant workflows, location-specific overrides, cost-based pricing, configurable margin targets, and sales profitability analysis.
- Designed streamlined spreadsheet onboarding, multilingual interfaces, and business notifications to simplify day-to-day operations.

## EDUCATION

**Flatiron School — Full-Stack Web Development Certificate**