# ABIEZER "ABE" REYES

FULL-STACK DEVELOPER

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Career built on discipline and proven growth: Army paramedic (5 years) making life-or-death decisions under pressure, then Toyota (7 years) advancing through three roles to Finance Manager. That foundation of leadership, systematic thinking, and earning trust through results now drives software development work.

Transitioned to software development in 2023 with the same commitment that earned promotions at Toyota and kept patients alive in the Army. Systematic problem-solver influenced by algorithmic thinking and computational approaches to decision-making.

## TECHNICAL SKILLS

**Frontend**

React, Next.js, Vue.js, TypeScript, TailwindCSS, Responsive Design, Playwright, Puppeteer, Vitest, Storybook, WCAG AA

**Backend**

Node.js, Express.js, Python, cURL, BeautifulSoup, RESTful APIs, OAuth

**Databases & Caching**

PostgreSQL, Supabase, pgvector, Redis, MongoDB

**DevOps & Infrastructure**

Docker, Nginx, Git/GitHub, GitHub Actions, Vercel, Monorepo, GCP, DigitalOcean

**AI & Vector Search**

RAG systems, OpenAI API, Supabase pgvector, Vercel AI SDK, Prompt engineering, Claude Code

**E-commerce**

Medusa, Stripe, Product Management, Checkout Flows

## PROFESSIONAL EXPERIENCE

**Full-Stack Developer**                                        Spring 2025 - Winter 2025

Acadio | Educational LMS Platform

- Built web scraping infrastructure to collect FINRA rules and regulations, then fed that data into AI systems to automatically generate quality content, study questions, and flashcards at scale
- Automated validation, quality checks, and content processing workflows that eliminated hours of manual review. Became the go-to problem-solver for complex technical challenges across the team

**Freelance Web Developer**                                        Fall 2023 - Spring 2025

Self-Employed | Independent Contractor

- Built custom web applications and automation tools for clients while developing full-stack expertise
- Mastered modern development workflow including Git, testing, and deployment pipelines
- Transitioned from learning fundamentals to delivering production-ready solutions for real clients

### Finance Manager

Spring 2017 - Winter 2023

Toyota | Career Progression: Salesperson → Sales Manager → Finance Manager

- Advanced through three progressive roles demonstrating consistent leadership growth and business acumen

- Developed expertise in financial analysis, customer relationship management, and sales processes. Communication skills directly transfer to understanding user needs in software development

- Developed systematic approach to problem-solving and process optimization that translates to building efficient, user-focused software systems

### Paramedic

1996 - 2001

U.S. Army

- Delivered emergency medical care under high-pressure conditions requiring rapid decision-making and problem-solving

- Maintained critical systems and protocols where precision and attention to detail were essential

- Developed discipline, systematic thinking, and attention to detail. Core skills transferable to software architecture and testing

## FEATURED PROJECT

**Production e-commerce platform:** Complete system with shopping flows, user authentication, order management, admin dashboard, and component-based page builder so non-technical users can create pages without code. Built with a layered architecture that handles traffic, business logic, and data separately - making the system faster and easier to maintain. Smart indexing ensures pages load quickly by only updating what's changed. Handles live traffic and processes actual payments.

**Testing & quality:** Comprehensive testing that simulates real customer behavior - from browsing products to completing checkout. Accessibility verified to ensure the site works for users with disabilities. Tests run automatically before every release.

**Infrastructure & Dashboards:** Professional development environment that mirrors production, preventing "works on my machine" problems. Automated deployment pipeline ensures every change is tested before going live. Shared design system with Storybook component library. Built dual dashboards with real-time data: Admin dashboard tracks website requests and user activity; Dev dashboard monitors system health (website status, database accessibility, page speed), manages users, and controls shop/pages configuration. Dark mode implemented and tested throughout.

**AI-powered features:** Built context-aware chatbot using RAG (Retrieval-Augmented Generation) pattern - combines semantic search via Supabase pgvector with OpenAI API for intelligent responses. System generates embeddings from content, stores vectors in PostgreSQL, and retrieves contextually relevant information to answer user questions naturally. Includes intelligent indexing with hash-based change detection to keep chatbot knowledge current. Demonstrates prompt engineering to optimize response quality and relevance.

*Next.js 14 • TypeScript • Supabase (pgvector, auth) • Redis • Medusa (headless e-commerce) • Puck (page builder) • Docker • GitHub Actions • Playwright • Vitest*

## ADDITIONAL PROJECTS

**Flashcard Management System** (2025): Python/HTML automation managing 534+ entries with Excel/XLSX processing, automated creation scripts, and systematic validation. 431+ commits. Foundation for Acadio automation work.

**Merge 52** (2024): JavaScript card game featuring organized code architecture, fair randomization algorithms, and an AI opponent that makes strategic decisions.

## EDUCATION & PROGRESSION

**Computer Science Foundations** (Khan Academy, 2023): AP Computer Science Principles and Computers and the Internet - algorithms, data structures, programming, computer architecture, networking, Internet protocols, cybersecurity, encryption

**Self-Taught Development** (2023-Present): Completed Vue.js and full-stack web development courses (Udemy), mastered MEVN stack → Freelance projects → Professional DevOps tooling