ABIEZER "ABE" REYES

WEB APPLICATIONS PROGRAMMER

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Full-stack developer with proven experience building production applications at scale. Built e-commerce platform with 160 React components, 74 API routes, and 69 E2E test files covering complete user journeys. Stack: React, Next.js, TypeScript, Tailwind CSS, Node.js, PostgreSQL, Supabase, Redis. Strong focus on testing (Playwright, Vitest), accessibility (WCAG AA, Lighthouse 100%), and clean code practices.

Experience with third-party integrations including Stripe payments, Google Calendar API, Resend emails, and AI/RAG systems (OpenAI, pgvector semantic search). Built 7 context providers for state management demonstrating deep React knowledge. Maintained three-branch deployment workflow with GitHub Actions CI/CD, 1,338 commits showing consistent production work.

Before software, I earned three promotions at Toyota over seven years and led a medic team in the Army. That background taught me discipline, ownership, and how to deliver under pressure.

TECHNICAL SKILLS

Frontend Development
React & React Hooks, Next.js 14, Vue.js, JavaScript (ES6+), TypeScript, CSS, Tailwind CSS, Component Architecture, State Management (Context API, Redux patterns)

Backend & APIs
Node.js, Express, REST APIs, PostgreSQL, Supabase, Third-Party Integrations

Testing & Quality
Playwright E2E, Vitest, WCAG AA Accessibility, Storybook, CI/CD, Git

Development Tools
Git, CI/CD Pipelines, Code Reviews, Development Standards, Storybook

Problem-Solving
Tier 3 Support, Debugging, Analytical Skills, Root Cause Analysis, Performance Analysis

Communication Skills
Requirements Gathering, Cross-Functional Teams, Mentoring, Technical Documentation

PROFESSIONAL EXPERIENCE

Full-Stack Developer & Consultant   November 2023 – Present

needthisdone.com | Independent Consulting Practice

- Built production e-commerce platform with 160 React components, 74 API routes, 24 public + 18 admin pages using Next.js and TypeScript. Implemented 7 context providers for state management and Tailwind CSS for responsive design

- Building experimental automation dashboard (bridgette-automation) with Next.js 14, TypeScript, and React for custom developer workflow tooling. Implemented real-time streaming chat UI, three-panel responsive layout, task tracking, and scheduled automation via launchd. TypeScript comprises 94.7% of codebase

- Comprehensive testing: 69 Playwright E2E test files covering complete user journeys, Vitest unit tests for components and hooks, Axe Core accessibility tests. Lighthouse scores: 100% SEO, 100% Accessibility, 78% Performance

- Integrated production APIs with proper error handling and TypeScript interfaces: Stripe payments with webhook validation, Google Calendar API for booking, Resend for emails, OpenAI for RAG chatbot using pgvector semantic search

Finance and Insurance Manager
Spring 2017 - Winter 2023

Toyota of Orlando | Salesperson → Sales Manager → F&I Manager

- Developed strong client communication skills working directly with customers to explain complex products and processes
- Collaborated across departments to resolve customer concerns and deliver exceptional service
- Managed multiple priorities in fast-paced environment while maintaining attention to detail

Military Enrollment Counselor
2012 - 2017

Full Sail University | International Admissions → Military Student Services

- Started in International Admissions, then moved to Military Student Services where my Army background gave me credibility with veterans navigating civilian life
- Guided service members and families through GI Bill benefits, program costs, and fitting education around military schedules

Combat Medic, Corporal (E-4)
1996 - 2001

U.S. Army | Fort Hood, TX & Fort Bragg, NC

- Led a team of 3 medics and 2 combat lifesavers. Delivered emergency care where mistakes cost lives and hesitation wasn't an option
- Learned to stay calm under pressure, follow protocols precisely, and take responsibility for my team's performance

FEATURED PROJECT

needthisdone.com
Live Production Platform

- Architecture: 160 React components, 74 API routes, 24 public + 18 admin pages. Seven context providers managing Auth, Cart, Toast, Stripe, ServiceModal, InlineEdit, and Theme
- Testing: 69 Playwright E2E test files covering full user journeys (browsing → checkout → payment), Vitest unit tests for components and custom hooks, Axe Core accessibility tests
- Performance: Lighthouse 100% SEO, 100% Accessibility, 78% Performance. Redis caching (Upstash), optimistic UI updates, pgvector semantic search for RAG chatbot
- APIs: Integrated Stripe payments with webhook validation, Google Calendar API for appointment booking, Resend for transactional emails, OpenAI for context-aware chatbot
- Accessibility: WCAG AA compliant with semantic HTML, proper ARIA labels, keyboard navigation, focus management across all components
- Deployment: Three-branch workflow (dev → testing → production) with GitHub Actions CI/CD running full test suite and accessibility checks before each merge

React • Next.js 14 • TypeScript • Tailwind CSS • Context API • Playwright • Vitest • Axe Core • Node.js • Supabase • PostgreSQL • Redis (Upstash) • Stripe • Google Calendar API • Resend • OpenAI • pgvector • Docker • Railway • GitHub Actions

EDUCATION

Full Sail University (2016 - 2017): Web Design & Development coursework. After teaching myself web technologies since the early 2000s, this program provided the structure to take those skills to a professional level. Straight A's while working full-time.

Independent Study (2016 - 2023): Seven years of consistent skill development while working full-time. Progressed from tutorials to building production applications.

Structured Coursework (2023 - Present): freeCodeCamp Responsive Web Design Certification, freeCodeCamp Full Stack