

Christopher Kelly

Full-Stack Software Developer · C# / .NET

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SUMMARY

Full-stack developer specializing in C#/.NET across web and mobile. I build software that ships and holds up in daily use — including a home-health scheduling and route-optimization app relied on by a field nurse every day. Career transitioner with a B.S. in Information Technology, currently deepening backend fundamentals in the True Coders software engineering bootcamp.

TECHNICAL SKILLS

Languages: C#, TypeScript, JavaScript, SQL, HTML, CSS

Frameworks & Runtime: ASP.NET Core / .NET 8, EF Core, React, React Native, Expo, Next.js, Astro, Node.js

Cloud & Data: Azure (App Service, Blob Storage), MySQL, Firebase, Vercel, REST APIs, OpenAPI

Tools & Practices: Git & GitHub, GitHub Actions (CI/CD), JWT auth, Tailwind CSS, Google Maps Platform, Twilio, HubSpot API

PROJECTS

NurseTrack — In daily production use

React Native, Expo, React, TypeScript, Firebase, Google Maps Platform, Claude API

- Designed and built a two-part system — a React Native field app and a React admin dashboard — that plans a home-health nurse's daily visits, optimizes driving routes, and auto-tracks mileage.
- Integrated Google Maps (Geocoding, Distance Matrix, Routes) for route optimization and AI document/wound-photo analysis via the Claude API; real-time data sync on Firebase.
- Shipped via EAS Build with over-the-air updates; runs reliably in production every day and measurably cuts time spent on scheduling and mileage logging.

ServeSync — In development (commercial rebuild)

C#, .NET 8, EF Core, Azure, MySQL, React Native

- Re-architecting NurseTrack into a multi-tenant, sellable platform: an ASP.NET Core (.NET 8) API on Azure App Service over MySQL Flexible Server with EF Core.
- Built a pay-calculation engine with multi-tier rate fallbacks and earnings snapshots, server-side route optimization (Haversine + 2-opt), and middleware-based audit logging that never blocks the request.
- API auto-generates its OpenAPI spec via GitHub Actions; the mobile client consumes generated TypeScript types for an end-to-end type-safe contract. Designed for HIPAA compliance.

wendellturner.com — Live client project

Next.js, TypeScript, Tailwind CSS, Vercel, HubSpot API, Claude API

- Built a 188-page real-estate site with a geographic SEO hierarchy (4 regions, 27 cities, 128+ neighborhoods) and live IDX/MLS listings with custom filter controls.
- Shipped AI listing-description and home-valuation tools with fair-housing guardrails, and an automated IDX→HubSpot lead pipeline running on a Vercel cron. Live and fully indexed.

kellybuilt.dev — Live

Next.js 15, React 19, TypeScript, Tailwind CSS, Framer Motion, Vercel

- Designed and built my studio brand site end to end — cinematic motion, productized pricing, integrated booking. Mobile Lighthouse: 100 SEO, 100 Best Practices, 93 Performance, 91 Accessibility.

EXPERIENCE

TS Home Health Services — Scheduling & Operations

- Manage scheduling, billing, mileage tracking, and customer service for field home-health operations.
- Identified recurring operational inefficiencies in daily field work and built NurseTrack to solve them — turning a frontline problem into a production software tool now used every day.

EDUCATION

True Coders — Software Engineering Bootcamp · Mar 2026 – Present

B.S., Information Technology — University of Phoenix · 2023 – 2025

A.S., Social & Behavioral Science · A.S., Business Administration