

# James Fifth

## Senior Full-Stack Developer | Umbraco, Blazor & AI-Assisted Development

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Interactive Resume  
<https://5thstudios.com/>

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Dear Hiring Manager(s),

If you are looking for an experienced, self-motivated full-stack developer with a passion for coding then I am the person you are searching for. Whether you need to create a website with an amazingly easy CMS, upgrade an existing Umbraco site, or design solutions to solve complex business obstacles, I can help your business reach its goals.

Specializing in Umbraco CMS application development, I have been responsible for every stage of a program's lifecycle for over 18 years. From complex, data-driven applications utilizing TSql and Web APIs to custom and creative tools built upon Umbraco CMS, I thrive on analytical programming challenges and learning new technologies from Blazor Hybrid to Unity 3d and even AI integration. And 'YES', I also do entire Umbraco upgrades, from Umbraco 4 to Umbraco 17. In short:

< i dream-in="code" />

What sets me apart today is not just my 18+ years of development experience – it's how I have embraced AI as a collaborative development partner. Using Claude AI as my primary tool, I have measurably accelerated project delivery without sacrificing quality or control. A prime example: the Underground Prepper app took 11 months to build as a web-based platform, then was completely rebuilt as a richer, multi-platform native app (iOS, Android, Windows, Mac) in just 4 months – working side-by-side with AI, piece by piece, testing each component as we went.

I invite you to my online resume and portfolio to view many of the Umbraco projects I have built over the years at <https://5thstudios.com/>.

I am looking forward to the opportunities and challenges ahead and am ready to demonstrate and apply the skills I have acquired to assist your company in its drive for success.

Respectfully,  
**James Fifth**

# James Fifth

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Senior Full-Stack  
Web Developer**

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## Application Patterns

- MVC
- MVVM
- N-Tier Web Architecture
- RESTful APIs
- .Net Core
- Web Forms
- Responsive Design
- App Development

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## Languages Skills

- C# / VB.Net
- HTML5 / CSS3
- Javascript
- TSsql

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## Library Knowledge

- Blazor Hybrid
- Unity3D UI Toolkit
- ChatGPT APIs
- JQuery
- JSON/XML
- Stripe.Net
- SOAP / Ajax
- Zurb Foundation
- Bootstrap

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## Tools of the Trade

- Umbraco CMS [4-17]
- Umbraco Cloud
- Visual Studios
- MS SQL Server
- GitHub
- Runway AI
- Midjourney AI
- Claude AI (Primary)
- Adobe Photoshop
- Figma
- Gimp
- IIS
- Trello
- Google Analytics
- Unity 3D
- Adobe Premier Pro
- YouTube Studios

## Projects & Achievements

*\*The following are some of the more prominent projects I have worked on. There are many more Umbraco projects which are unlisted simply because I was hired to maintain and update them as needed.*

### Underground Prepper

This project began as a web-based emergency preparedness application built on Umbraco 16, developed over 11 months. Recognizing the need for a richer, more accessible experience, I made the architectural decision to completely re-engineer the platform as a native multi-platform app using Blazor Hybrid. Working side-by-side with Claude AI as my development partner, I rebuilt the entire platform and added every major feature users had requested — in just 4 months.

The app is now live on iOS, Android, Windows, and Mac. It features local-first SQLite storage (no personal data on the server), Stripe subscriptions (monthly, yearly, and lifetime), PIN/biometric security, multi-member family support, 14-category inventory management with tier-based preparedness scoring, Bugout Bag tracking per member, a Prep Hub with printable checklists and an offline Bible reader, 8-type inventory reporting with PDF export, encrypted backup/restore, and a guest demo mode.

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### Social Work Test Prep

This project was an upgrade like no other!! It was built using Umbraco 4 and the database had grown to 60Gb making the cache completely unusable. And worse, there was no longer any source code to the original site. The task: Upgrade Umbraco to U8, make the site responsive, rebuild the site using MVC, build APIs to pass data from old to new site, rebuild the ecommerce to use Stripe, and re-engineer workflow of purchases and user exams from saving content in Umbraco to the database directly. Mission accepted!!! The new site is now lightning-fast compared to the older version and the database has been reduced to a mere 2Gb, a 97% decrease!

That's not all! The platform has since been expanded with AI-powered hints and feedback for every exam question. A mobile app has now launched on both the Google Play Store and Apple App Store. Built using Unity 3D with UI Toolkit as a full mobile application (not a game), the app incorporates all features of the web version — full exam functionality, AI-powered hints, user authentication — with all data synchronized to and from the website via custom-built APIs. Native in-app purchase flows for both Apple and Google have been fully integrated.

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### Matrix Trade Institute

Up from Umbraco 6 to Umbraco 13, this site has been redesigned to tailor our client's granular needs. Wanting FULL control over every single design element on each page, this site was a true challenge, but we did it. Just about every single piece of this website is editable from within Umbraco itself, providing the client with the ability to add just about any custom code they want or need. In the end, this site turned out great.

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### Texas H.C. Construction & Foundation Repairs

This site was built as a favor for a friend of mine. But it turned out so nice that I just had to include it in my resume. I designed the site myself keeping to a simple 1-page responsive layout while utilizing Umbraco to manage all of the content. It may be simple, but for many businesses, this is all some may need.

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### [NABIPvision](#)

The newest addition to the NABIP Umbraco website family, this project was very exciting to build. This internal site is designed to provide their employees with a library of all company videos stored on Vimeo. Videos are organized by categories allowing for easy filtering and allow management to designate if a video is public or private, thus requiring users to login before viewing. Once a video has been completed, management can download a full list of all members and the videos they have fully watched.

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### [Abramson Senior Care](#)

One of the more challenging sites I have developed, this site is a fully updated redesign built upon the original cms. With the requirement that I do not upgrade Umbraco, I had to implement a fully modernized and responsive design with minimum updates to Umbraco.

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### [5thStudios.com](#)

This is my personal freelance website. Here you can view my portfolio and do research on my skillsets.

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### [MyWindowOfOpportunity.com](#)

A completely re-engineered crowdfunding platform built upon Umbraco and utilizing Stripe.Net for ecommerce transactions. Users can create new projects utilizing teams and multiple phases. Unfortunately, after completion this project was shelved due to unforeseen personal issues with the owners.

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### [ThinkAnderson.com](#)

The newest website for The Anderson Group, this site utilized all cutting-edge technologies that I have learned. Based upon an N-Tier MVC/.Net hybrid concept, this site has pushed all my skills to bring about a state-of-the-art website using the newest .Net and Umbraco technologies and incorporating background videos and Zurb Foundation 6 (which utilizes an XY-grid and a Flex display concept.)

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### [NABIP.org](#)

An N-tier MVC/.NET hybrid website utilizing Umbraco, web services, and ajax to deliver a state-of-the-art user experience. This site incorporated component building utilizing umbraco doctypes and depending fully on N-tier data communication. (Newly re-engineered version coming soon!)

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### [AtonementWYO.org](#)

A mobile-first development approach was taken in developing this site. The client's goal was to ensure that the church's numerous parish-based programs and events can be easily managed through an umbraco portal and where parish members can easily learn about and sign up for.

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### [Tetra Whisper Demo](#)

Our first tablet-based application utilizing PhoneGap and Adobe After Effects was an instant hit at the Global Pet Expo 2018. Giving attendees a graphical and audio demonstration comparing the Tetra Whisper IQ to other competitive filters using tablet kiosks all while being controlled remotely

from our offices over 1,000 miles away, this was an exciting challenge for me.

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### [AfterTheWarning.com](#)

This has been my personal website even before I knew how to program. After 26 years this site has gone through numerous redesigns to keep up with the changing technologies. With version 8 just being completed and launched, this version of the site is built upon Umbraco 13 and manages user memberships so that we can send update emails as needed.

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### [HolyFamilySanctuary.com](#)

Although I am not a graphical designer, this site demonstrates my ability to learn new skills, even if it is outside my scope of expertise. I designed the site myself utilizing Gimp and Adobe Illustrator and built the site upon an Umbraco 13 cms back-end.

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### [Spectrum Catalog Generator](#)

Utilizing Umbraco as the content management system, I designed a catalog generator for Spectrum Brands using a web API to obtain all product information from the CMS. The generator would then build a custom pdf document designed specifically for professional printing of catalog books. (Sorry, no link can be provided.)

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### [AllHuskyClothing.com](#)

Having my father's entrepreneurial spirit, I am continuously trying new ideas for business ventures. The site was built using Shopify utilizing Stripe, PayPal, and Amazon Pay as payment gateways for my ecommerce storefront. Sadly, we recently had to close the storefront, but the knowledge we gained from this experience will certainly benefit our future clientele.

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### [5<sup>th</sup> Studios, LLC](#) / Owner

MAY 2019 - PRESENT  
NEW BOSTON, PA

Upon being released from my previous employer due to budget constraints, I chose to take the leap into entrepreneurship. Currently self-employed, I began 5thStudios.com with the goal to provide customized, state-of-the-art Umbraco-based website development in a world of cookie-cutter templates and cheap knockoffs. AI-assisted development using Claude AI is now a core part of my workflow, enabling faster project delivery and expanded capabilities across programming, app development, and video production.

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### [Underground Prepper](#) / Owner

SEPT 2024 - PRESENT

Originally launched as a web-based application built on Umbraco 16 — developed over 11 months — I made the decision to completely re-architect

the platform as a native multi-platform app. Using Blazor Hybrid and working in close collaboration with Claude AI as my development partner, I rebuilt and significantly expanded the platform in just 4 months. The app is now live on iOS, Android, Windows, and Mac, featuring subscription management, family member support, 14-category inventory tracking, encrypted backups, inventory reporting, a Prep Hub with printable checklists, and an offline Bible reader.

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### **Anderson Group / Umbraco Expert & Senior Web Developer**

OCT 2013 - MAY 2019

SINKING SPRING, PA

My most recent place of employment has been the best company I have ever worked for. Through the years I have been continuously encouraged to step out of my comfort zone and incorporate the newest technologies into our client's web applications. From developing responsive websites and taming unbelievably complex data-driven websites utilizing Umbraco to creating mobile-based voting and presentation technologies as well as web-to-print catalog creators, there has been no project that The Anderson Group has been able to put in front of me that I could not find a way to build. And almost all websites since 2013 have been built solely upon Umbraco since version 4.0. My time with these wonderful people came to an end when the company made the tough decision to downsize, cutting my department.

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### **All Husky Clothing / Owner**

MAR 2019 - May 2019

NEW BOSTON, PA

My previous entrepreneurial adventure, All Husky Clothing was the brainchild of my wife. Having some children who are a little 'hefty' we struggled for years to find husky-sized clothing for them. One day out of desperation (and countless stores) my wife just yelled out "Isn't there any online websites for just all husky clothing?", and thus AllHuskyClothing.com was born. The site was built using Shopify and was a drop-shipping online store for plus-sized people. Sadly, we had to close the storefront due to the difficulties in being successful in drop-shipping.

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### **Saint Luke's Hospital / Software Developer & Interface Specialist**

MAR 2012 - OCT 2013

BETHLEHEM, PA

As the Lead Intranet Application Developer, I designed the "St. Luke's Physician Coder's Manager", a database unifying project bringing together 30 separate MS Access databases into a single web-based user interface utilizing a t-sql database. The system records all patient demographic information and medical history for billing purposes, generating an itemized super-bill of patients, doctor encounters, diagnoses, procedures, and billing comments. Additionally, I developed and deployed the 'Referring Provider Database Manager', a desktop application designed to allow supervisors to view and edit all medical providers within their databases.

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### Computer Aide / Web Developer

OCT 2010 - MAR 2012  
HARRISBURG, PA

Among my responsibilities were the continued development of the "Pa. Department of Agriculture's PaMeals" website and database. This included the need to build and deploy reports using Sql Reporting Services (SSRS). Concurrently I was also tasked with learning Xcelsius and developing the "Pa. Department of Agriculture's Reporting Dashboard" to communicate with the state databases via a web service.

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### The Chubb Institute / Degree in .NET Programming

2002-2004, CHERRY HILL, NJ

Focused on the .NET framework to build ASP.Net websites and application using both C# and VB.Net. Also studied how to build relational databases within oracle, T-Sql, and xml.

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### Atlantic Cape Community College / Credits in Computer Sciences

2000-2002, MAYS LANDING, NJ

Primary focus on C++ and OOP programming technologies.

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### Udemy.com

Being out of school does not mean we're finished learning. I am continuously learning new technologies with my future clientele's needs in mind. Some of these courses included Umbraco CMS, AI integration and video creation, mobile technologies such as Unity 3D UI Toolkit and Blazor Hybrid, and responsive development, MVC and N-Tiered applications, graphic design using Photoshop & Illustrator, and Unity 3D UI Toolkit for mobile app development.

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## Hobbies

One thing you will learn about me is that I am never bored. There is always something new I want to learn or try. When I am not learning a new programming skill or updating my personal website, I enjoy painting "Happy Trees" with Bob Ross, learning to play a midi keyboard to create game music, and learning to use AI for the next big project adventure.

Life's too short to be sitting around, enjoy it while you can!