

Kevin “Anthony” Felker

Brazil, IN (Willing to relocate)

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github.com/felker12

Professional Summary

Software Engineer with professional experience developing and maintaining production websites and building full-stack .NET applications. Experienced with ASP.NET Core, C#, Astro, React, SQL Server, Azure, GitHub Actions, and modern CI/CD workflows. Strong foundation in object-oriented design, REST APIs, debugging, testing, and scalable software architecture.

Education

DeVry University, Federal Way, WA: B.S. in Computer Information Systems: **GPA: 3.76**

Technical Skills

Languages: C#, TypeScript, JavaScript, SQL, HTML5, CSS3, XML

Frameworks/Libraries: ASP.NET Core, Astro, React, .NET Aspire, Tailwind CSS, Entity Framework Core, MonoGame, xUnit

Cloud /DevOps: Azure App Services, Netlify, GitHub Actions, Git

Databases: SQL Server, PostgreSQL

Architecture /Concepts: OOP, REST APIs, API Integration, System Design, Testing, Agile/Scrum, Relational Databases, Authentication/Authorization

Operating Systems: Windows, Linux (Ubuntu)

Tools: Visual Studio, SQL Server Management Studio (SSMS), GitHub Copilot

Professional Experience

Southard Homes, LLC – Terre Haute, IN

Web Developer | 2026 – Present

- Design, develop, deploy, and maintain production websites for multiple business clients using Astro, Tailwind CSS, TypeScript, GitHub, and Netlify.
- Develop new features, troubleshoot issues, and implement performance, SEO, and accessibility improvements.
- Manage source control, production deployments, hosting platforms, DNS configuration, and release management.
- Collaborate directly with business owners to gather requirements and deliver technical solutions.

Selected Client Projects

- **Southard Homes** | Astro, Tailwind CSS, TypeScript
 - Maintain and enhance the production website through feature development, content updates, and deployment management.
- **Quality Electric of Indiana** | Astro, Tailwind CSS, TypeScript
 - Deliver ongoing website maintenance, feature enhancements, performance improvements, and production support.

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- **Quality Landscape & Leisure** | Astro, Tailwind CSS, TypeScript
 - Designed and developed a responsive production website from the ground up, managing GitHub, Netlify deployments, and Lighthouse optimization.
- **Monarch Media LLC** | Astro, Tailwind CSS, TypeScript, C#, ASP.NET Core, PostgreSQL, EF Core
 - Developed a full-stack business website with a custom ASP.NET Core Web API, PostgreSQL/EF Core backend, secure administrative functionality, and Azure cloud deployment.

Jedele Enterprises - Brazil, IN:

Operations Technology Professional (OTP 2) | 2019 – 2026

- Supported business-critical systems with 99%+ uptime, reducing incident resolution time by over 1 hour.
- Diagnosed and resolved complex software, hardware, and integration issues in high-pressure environments.
- Performed root cause analysis and contributed to long-term system reliability improvements.
- Assisted with system upgrades and infrastructure improvements.
- Mentored team members and acted as a technical liaison to non-technical stakeholders.
- Worked across operations and technical teams to diagnose system failures and improve reliability.

Projects

Portfolio Generator | C#, React, TypeScript, .NET Aspire | Demo: [Portfolio Generator \(Live\)](#)

- Developed a full-stack application that converts .docx resumes into multi-page portfolio websites with generated HTML, CSS, and navigation.
- Built RESTful API endpoints using ASP.NET Minimal API for document parsing, theme preview generation, and ZIP file delivery of generated sites.
- Implemented a multi-step React/TypeScript frontend with file upload, live theme previewing via iframe, and client-side routing.
- Designed a theme engine supporting multiple CSS stylesheets (Basic, Dark, Card) with a live preview system that renders user content before generation.
- **Engineered a CI/CD pipeline using GitHub Actions** to build the React frontend, publish the .NET backend, and deploy to Azure App Service on every push to master.
- Architected the application using .NET Aspire for local orchestration and scalable cloud-ready deployment.

Time Punch Management System | C#, React, TypeScript, ASP.NET Core, .NET Aspire | github.com/felker12/TimePunchSite

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- Engineered a modern full-stack employee time tracking application using ASP.NET Core APIs and a React/TypeScript frontend.
- Built secure employee authentication and role-based access workflows for clock-in, clock-out, and attendance management.
- Designed RESTful APIs and backend services for employee time tracking and reports.
- Implemented SQL Server persistence with relational schema design and data validation.
- Developed responsive frontend dashboards for employee and administrative workflows.
- Integrated CI/CD workflows and cloud deployment using GitHub Actions and Azure App Service.

2D RPG Engine | C#, MonoGame, xUnit.net, XML | github.com/felker12/SkeletonsAdventure

- Architected a modular 2D RPG engine (10,000+ LOC), separating rendering, input, state management, and game logic for scalability.
- **Constructed reusable engine systems** for combat, animation, map handling, and save/load persistence workflows.
- Developed a **WinForms editor tool** that **improved content creation efficiency by ~30%**.
- Refactored core systems to improve performance, scalability, and maintainability over iterative development cycles.
- Implemented unit testing (xUnit) to ensure reliability across core systems and data layers.

Personal Portfolio (Current) | Astro, TypeScript, Tailwind CSS, Netlify | anthonyfelker.com

- Designed and developed a modern, responsive portfolio website showcasing professional experience, technical projects, and software engineering skills.
- Built reusable Astro components with TypeScript and Tailwind CSS, emphasizing maintainability, accessibility, and responsive design.
- Optimized the site for Lighthouse performance, accessibility, and SEO.
- Configured production deployments, custom domain management, HTTPS, and continuous deployment through Netlify and GitHub.