

Alex Griffith

Software Developer

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Work Experience

Software Developer Indiana Farm Bureau Insurance

January 2018 - Present

- Created custom interactive widgets, themes, middleware, and authentication handlers for four separate Sitefinity CMS instances using Material Components for the Web, Webpack, and .NET Framework.
- Revamped hybrid mobile app, adding integrations with membership systems and porting from Cordova to Capacitor.
- Designed & built event management system with administrative dashboard, registration portal, and companion features in mobile app. The system integrates into membership and engagement systems and includes payments, discounts, printable name badge generation, and realtime availability tracking with WebSockets.
- Created engagement tracking system with hierarchical structure and integrations into other systems.
- Created membership purchase application using Angular, payment APIs, and Sitefinity headless CMS features.
- Created employee locator app with WPF desktop utilities to track laptop locations and integration with Exchange Web Services to track conference room and calendar availability.
- Created REST APIs in Java using both Camel and Spring Boot.
- Created REST and OData APIs in C# using both legacy ASP.NET and ASP.NET Core.
- Established pattern for replacing internal legacy ASP forms.
- Built collection of reusable .NET libraries with private NuGet server.
- Configured automated generation of code documentation for .NET projects using DocFX and PowerShell.

Technology Support Analyst Indiana Farm Bureau Insurance

August 2016 - January 2018

- Administered a System Center Configuration Manager instance.
- Packaged software applications, created base images, and built OS deployment task sequences.
- Wrote PowerShell scripts to automate software installations and reporting tasks.

Volunteer Experience

Vice President Indy Miata Club, Incorporated

January 2022 - Present

- Made decisions about the club's direction and assisted in updating bylaws.
- Organize driving, social, and outreach events for our 130+ club members.

Production Team Lead Connection Pointe Christian Church

January 2017-Jan 2020

- Organized volunteers in running production at High School and Young Adult services.
- Programmed lights, designed graphics, and shot and edited photographs.

About Me

I've always loved making things. Growing up, my favorite toys were the ones I could take apart and turn into something else. To me, there are few things as satisfying as seeing something that was an idea in your head become reality - and that's the driving force behind how I work. I always want to push myself in new ways, learn new techniques, and make the impossible possible. I want each creation, no matter how grandiose or how insignificant it may seem, to be my next magnum opus.

Education

B.S. Computer & Information Technology

Indiana University - Purdue University Indianapolis
2014 - 2018

Skills

.NET - C#
TypeScript
Angular
Sass
PowerShell
SQL
Java
Spring Boot

Side Projects

PokeR

Realtime scrum poker app using WebSockets

GravyBot

Annotation-based IRC bot framework

Check out my GitHub or website for more details.