

COLLIN M BARRETT

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OVERVIEW

I thrive building and shipping quality software. Over the past seven years, I have developed web, cloud, and desktop solutions in manufacturing, defense, retail, and education.

EXPERIENCE

.NET Web Developer · fred's, Inc. (Memphis, TN) '16 – Now

- Creating new enterprise retail pricing application with ASP.NET MVC, Entity Framework, and Kendo UI
- Adding features, resolving bugs, and refactoring .NET MVC, Web Forms, and console applications
- Building CI pipelines for applications, SSIS, and stored procedures with VSTS, BuildMaster, and PowerShell
- Developing HIPAA-compliant BI tools on SQL Server and Oracle Database for retail and specialty pharmacy
- Rapidly reducing technical debt by properly updating legacy applications for compliance and performance
- Interviewing and onboarding new developers for our growing and modernizing team

Software Development Engineer · thyssenkrupp Elevator Corporation (Memphis, TN) '14 – '16

- Led development of three C#/WinForms applications:
 - QA testing framework for Azure SQL Server IoT data collected from thousands of elevators
 - Scenario testing framework to rigorously proof all possible elevator single and group controller stories
 - Elevator controller simulator to support development of outsourced hardware component

Technology Specialist · The Collegiate School of Memphis (Memphis, TN) '12 – '14

- Founding teacher of computer science department for high-performing urban secondary students
- Crowd-sourced fundraising, developed curriculum, and taught Lego Mindstorms robotics courses
- Created new school website on custom VPS highly optimized for performance and SEO
- Developed 1-to-1 Chromebook program providing training and logistics to faculty and students

Software Developer · Infoscitex Corporation (W.P.A.F.B., OH) · Secret Security Clearance '10 – '11

- Furthered development on Java UAV flight simulation framework and analysis toolset
- Created functional specification for neural network AI defensive system in Enterprise Architect UML
- Authored software requirements specification for helicopter flight controller software package
- Led development of Access SQL distributed database application for resource management

Founder · FilterLists.com '16 - Now

- Attracting 15k unique monthly visitors, FilterLists fills need for one-stop content filter directory
- Optimized WordPress VPS stack with Ubuntu, MariaDB, Redis, PHP7, NGINX, and CDNs · git.io/v6ep3
- Developing open-source ASP.NET Core Web API to provide machine-consumable solutions · git.io/v9FQS

IT Consultant · Vision Preparatory Charter School (Memphis, TN) '14 - '15

EDUCATION

BScpE Computer Engineering · Cedarville University, '12



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