

COLLIN M BARRETT

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Staff Software Engineer · Jack Henry Sep 2022 – Now

Building ASP.NET Core RESTful Web APIs to generate statements for 8mil+ financial institution customers

Senior Software Engineer · Arcoro Jul 2021 – Sep 2022

Extended product at venture-backed merger of three HR SaaS suites serving ~500k daily users

- Architected multi-app, multi-tenant data warehouse and ELT in Azure Synapse Analytics
 - Led build of greenfield custom analytics SaaS offering by integrating third-party BI with multiple internal systems
 - Steered platform development of internal Angular framework to improve engineer efficiency and application consistency
- C# · ASP.NET Core Web API · T-SQL · Azure (DevOps, Data Factory, Functions, App Service, Queue & Table Storage) · BDD

Senior Software Engineer · International Paper Jan 2019 – Jun 2021

Rebuilt event-driven enterprise goods tracking microservices for ~30 global paper mills

- Led build of full stack, real-time microservice in manufacturing domain with Angular Material and ASP.NET Web API
 - Architected security token service with IdentityServer4 for Angular, ASP.NET Web API, and external clients/resources
 - Pioneered feature flag development to support more frequent multi-variant deployment scenarios
- C# · TypeScript · NgRx · DDD · CQRS · Entity Framework Core · MediatR · MassTransit · RabbitMQ · SignalR · Autofac · xUnit

Software Engineer · Shelby Systems Aug 2017 – Dec 2018

Improved accounting SaaS suite depended upon by thousands of churches and nonprofits

- Tripled performance of 50+ .NET Telerik report templates by re-writing them with load-balance support
- Engineered maintainable solution for strongly typing serialized store of preferences in C# (bit.ly/cbTypeKV)

Software Engineer · Fred's Sep 2016 – Aug 2017

Enhanced line of business applications for chain of 650 discount retail, pharmacy, and specialty pharmacy stores

- Led rewrite of ASP.NET MVC application responsible for pricing millions of dollars in retail consumables
- Reduced deployment cost and variability by creating multiple CI/CD pipelines in Azure DevOps

Software Engineer · TK Elevator Oct 2014 – Sep 2016

Extended portfolio of .NET testing and integration software for embedded elevator controllers

Computer Science Teacher & IT Specialist · The Collegiate School of Memphis May 2012 – Oct 2014

Taught robotics and computer science at private secondary school targeting high-performing, low-income students

Software Engineer · Infoscitex Jan 2010 – Nov 2011

Co-op with U.S. Air Force contractor specializing in flight simulators

ADDITIONAL EXPERIENCE

Steering Committee Member · GiveCamp Memphis Feb 2018 – Now

Provide volunteer year-round planning, management, and support for annual nonprofit technology hackathon

FilterLists.com · 35k+ unique monthly visitors · 50+ contributors · 900+ GitHub stars Sep 2015 – Now

Maintain open-source content filter directory to promote web performance and privacy · ASP.NET · React · Docker Compose

CERTIFICATIONS

Azure Developer Associate · Microsoft May 2022 – Now

Bachelor of Science in Computer Engineering · Cedarville University May 2012