

PROFESSIONAL EXPERIENCE

Auto-Owners Insurance

Lansing MI

Software Engineer**Feb 2023 to April 2023****Senior Software Developer****Feb 2021 to Feb 2023****Software Developer****Feb 2018 to Feb 2021****Projects:** Policy Copy, Duck-N-Deploy, Purge Tool, Feature Toggle, CBO Development

- Architected a solution to allow our developers to copy insurance policies from prod and higher test regions down for local debug and development. Implemented with Kafka communications between two .NET Core Openshift services.
- Designed an Electron desktop application wrapping a deployed .NET Core backend, React/Redux frontend service as part of a joint modernization project with Actuarial.
- Serving as the project lead for the DuckNET development team (five members), communicating expectations, timelines, and updates with dependent teams and our own members. Training and mentorship for new hires.
- Designed, implemented, and tested multiple C# .NET and Java solutions for ongoing support of the DuckCreek platform. Projects vary from logging frameworks, feature toggling support, authentication, custom requests, REST Services, etcetera.

Epic

Verona, WI

Software Developer**July 2016 to September 2017****Projects:** Study Review, Cath PCI V5, Registries

- Full stack developer using Epic's code libraries with typescript on the client, .NET on the server, and a MUMPS based database
- Reviewed code for fellow developers ensuring quality and efficiency, as well as created unit tests and ran performance tests
- Researched and reengineered existing VB components in C#

Humana

Louisville, KY

Applications Engineering Intern**May 2015 to January 2016****Projects:** Product Catalog Web Application

- Converted an existing Silverlight Application to an ASP.NET MVC web application
- Implemented a REST API layer for communication between the C# backend and AngularJS frontend
- Connected to an internal service using WCF, wired to our back-end via service proxy

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Software Development Intern**May 2014 to August 2014****Projects:** Apply Online, Agency Locator, Event Web Calendar

- Worked on the Windows Application Development team of about eight members to develop software solutions using Microsoft products, particularly ASP.NET
- Overhauled portions of the Apply Online site using jQuery and JavaScript

EDUCATION

Michigan Technological University

Houghton, MI

B.S. Computer Science**April 2016**

Minor: American Studies

GPA: 3.76 • Department GPA: 3.77

TECHNICAL SKILLS

Languages: C#, Java, JavaScript/TypeScript, SQL, C, HTML, CSS

Libraries: .NET, Spring, Razor, React, Redux, Electron, jQuery

Tools: Visual Studio, VS Code, IntelliJ, Git, Bitbucket, Postman, Jira, Jenkins, OpenShift

Cloud: AWS Architect Associate, AWS Developer Associate, Azure Developer Associate