

Team Leadership

Directed, designed and developed the release of multiple projects
Improved teams' speed and quality by using retrospectives to identify areas of improvement
Fostered engineer career advancement through mentoring sessions
Actively participated in design, development and sprints
Championed automated testing using technologies including **Jasmine**, **SpecFlow** and **NCrunch**
Championed new technologies including **WebAPI** and **Reactive Extensions (Rx and RxJS)**

Web Application Development

Built a CRM application using **LINQ**, **SQL** and **ASP.NET Web Forms** for use by sales, support and billing staff
Developed partner management tools using **ASP.NET Web Forms**, **Angular**, **WCF** and **Event Sourcing** technologies
Built features in an updated CRM application using **Angular**, **SignalR**, **WCF** and a service bus technology
Created service management tools for use by customers
Worked closely with product management and stakeholders to define features and timelines

API Development

Designed, built and maintained service management APIs with technologies including **WebAPI**, **WCF** and **SOAP**
Developed system and integration tests using **NUnit** and **SpecFlow**
Developed unit tests using **NUnit** and **Moq**
Used **dependency injection** to decouple architecture and ease unit testing
Accessed data from **SQL Server** and **MongoDB**
Stored data for Hosted Exchange using Active Directory

Founder

Digital Audio Workstation

Built a digital audio workstation using the latest web technologies
Built the client side using **ReactJs**, **FlexBox**, **Web Audio API**, and **RxJS**
Developed the backend API using **Node.js** and **Express**
Created an npm package called **Helm Control** for build automation
Wrote client side and server side testing using **Mocha**, **JSDom**, and **SimpleMock**
Hosted on **DigitalOcean** on a Linux instance with using **PM2** to manage the process

bopmob.com
September 2014 - Present

Application Developer

Cobranding Application

Built a cobranding solution for insurance and securities disclaimers
Conducted interviews with stakeholders to gather requirements and understand the domain
Created an HTTP module to redirect users based on the users' state
Developed a single sign on solution
Unified data across multiple data sources using **ASP.NET Web Services**

NFP
July 2006 - June 2008

Programmer Analyst

Benefits Application

Maintained and enhanced benefits web application written in ASP.NET Web Forms
Converted a web application from .NET 1.1 to .NET 2.0
Developed customer service representative application

Sungard
June 2004 - June 2006