

## Jeremy R Hutchinson

[jrhutch@live.com](mailto:jrhutch@live.com)

207-272-7869

[hutchcodes.net](http://hutchcodes.net)

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### **Quicken Loans** – (Remote)

Senior Software Engineer– Feb 2018 – present

- Created unit tests to increase coverage from 13% to 77%
- Designed and implemented a priority processing to allow processing of higher priority messages at near “real-time” while continuing to process lower priority messages
- Redesigned build and deploy scripts to allow for 0 downtime deployments and reduce deployment time from 90 minutes to less than 20 including manual testing

### **Ontuitive** - (Remote)

Senior Software Engineer – May 2014 – Feb 2018

- Architected and lead move from AWS to Azure for document storage, search, web hosting and SQL databases
- Optimized AWS cloud utilization resulting in 70% savings
- Designed a replication system to move data and documents closer to users in Europe and Asia
- Lead the development of the cAPI specification to allow applications to share their context with Learning Service Providers ([capi-spec.org](http://capi-spec.org))

### **Winxnet** – Portland, ME

Senior Application Engineer – December 2012 – May 2014

- Improved the performance of a MongoDB based search application from 15 seconds per search to less than 2 seconds per search
- Prototyped a system to allow automated cross browser testing using Selenium and BrowserStack.com
- Developed web applications using ASP.Net MVC for various clients
- Mentored an entry level developer

### **Ability Resources** – Portland, ME

Director of Software Development – April 2009 – December 2012

- Managed a team of developers to successful develop and release two line of business applications.
- Implemented Team Foundation Server for source control, build management and work item tracking.
- Designed and developed a mission critical line of business application using C#, WPF, MVVM, WCF, SQL, and ADO.Net Dataservices\Entity Framework
- Automated code generation from the database and xml files using T4 templates

## **Self-Employed – (Remote)**

Owner Operator – August 2003-April 2009

- Created customizations for Sage Software's MAS500 ERP System
- Worked as part of the Pandora Data Systems development team to write data analysis and reporting system to detect drug diversion in hospitals.
- Built an application to audit all assemblies and SQL objects to detect modifications from base install version

## **Techniedge Financial Integrations**

Lead Developer – February 2001-July 2003

- Authored reporting system using ASP, SQL, XML, and XSL
- Designed, Built and Optimized SQL Server 2000 databases
- Created SQL APIs, stored procedures, and scripts to import data
- Lead a team of 5 developers

## **AWARDS & TECHNICAL CERTIFICATION**

Microsoft MVP for Microsoft Azure  
Microsoft Certified Solution Developer  
Microsoft Certified Database Administrator

## **EDUCATION**

BS in Kinesiology: Athletic Training Option  
University of New Hampshire - Durham, NH

## **Personal Projects**

I frequently create personal projects on the side to advance my understanding of various technologies. Some of the highlights:

- Created a chess training application for Windows Phone and Windows 8 that has been downloaded ~200,000 times and maintains a rating of 4 out of 5 stars.
- Developed a search implementation for Jekyll based blog sites using Azure Search and Azure Functions.

## **Community Organizing**

Organize the Casco Bay .Net User Group  
Organize the Global Azure Bootcamp Portland, ME location

## **Technical Speaking**

Present technical sessions at user groups, code camps and conferences. Detailed list of speaking engagements can be found at <https://hutchcodes.net/speaking/>