Jeremy R Hutchinson

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hutchcodes.net

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
- Rearchitected 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)

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

Programming Languages and Technologies
- C#
- Azure
- AWS
- SQL
- WPF/Silverlight
- AngularJS
- ASP.Net MVC
- JavaScript
- CSS
- T4 Code Gen

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/