Jeremy Hutchinson

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Jeremy is an accomplished Software Engineer with over twenty years of experience building, maintaining, and optimizing web applications and backend systems. He has demonstrated expertise in leading projects to reduce costs, enhance quality, increase efficiency, and ensure compliance regulatory compliance.

Microsoft – Senior Software Engineer (May 2020-Jan 2025)
- Consolidated application settings from multiple web.config files and scripts into appsettings.json files for easier maintenance, deployment, and migration to .Net 8.
- Led a project to separate EU user settings data to comply with privacy laws.
- Modified test runners to collect code coverage statistics for Typescript tests.
- Updated site theme to use CSS variables and collaborated with the design team to simplify color selection for developers.
- Updated the TypeScript pre-compiler to types used by partner extensions, enabling safe deprecation of unused types, reducing the risk of downtime.
- Built and maintained React and Knockout controls for use by Azure Portal extension developers.

Quicken Loans – Senior Software Engineer (Feb 2018-May 2020)
- Developed unit tests to increase coverage from 13% to 77%.
- Designed and implemented a priority processing system 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 - Senior Software Engineer (May 2014-Feb 2018)
- Optimized cloud utilization resulting in 70% savings.
- Architected and lead migration from AWS to Azure.
- Designed a replication system to move data and documents closer to users in Europe and Asia.

Winxnet – Senior Application Engineer (December 2012-May 2014)
- Built a system to automated cross browser testing using Selenium and BrowserStack.com.
- Developed web applications using ASP.Net MVC.
- Mentored an entry level developer.

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Ability Resources – Director of Software Development (April 2009 – December 2012)

- Managed a team of developers to build two successful line-of-business applications.
- Architected and developed a mission critical line of business application using C#, WPF, MVVM, WCF, SQL, and Entity Framework
- Implemented CI/CD to automate build and deployment.
- Automated code generation from the database and xml files using T4 templates.

Foreside Technology – Self-Employed (August 2003-April 2009)

- Created customizations for Sage Software's MAS500 ERP System.
- Developed 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.

Education, Awards & Certifications	
Awards & Technical Certifications	Microsoft MVP for Microsoft Azure
	Microsoft Certified Solution Developer
	Microsoft Certified Database Administrator
Community Organizing	Casco Bay .Net User Group 2013-2020
	Global Azure Bootcamp Portland, ME location 2016-2019
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/
Educations	University of New Hampshire - BS Kinesiology