Rusty Divine

Software developer and architect

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# About

Software developer, architect, and Pluralsight author with over twenty years of experience solving business problems and leading teams. I enjoy working on agile teams developing solutions and helping with requirements analysis, architecture, and mentoring.

# Skills

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| * C#, Unit Testing, SQL Server, Web – 20 years
* Team Leadership, Requirements Analysis, Architecture – 15 years
* Entity Framework/ORMs – 13 years
* Agile/Scrum – 12 years
 | * Remote Worker – 12 years
* Presenter/Pluralsight Author – 6 years
* React Native/Node.js – 5 years
* Python – 1 year
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# Experience

## Software Consultant | Keyhole Software, Overland Park, KS Feb 2016 - Present

* Lead remote teams of developers to produce software addressing enterprise business issues, improve coding practices and agile processes.
* 1/23-present: Architect and developer on a Google cloud solution using Python in Dataflow to process 5 messages per second for patient demographic and profile updates for Northwell hospital system in NY.
* 4/19-present: Architect and developer on a Node.js and React Native mobile application for Northwell hospital system in NY. Architectural design of several features including service bus event architecture to handle 2 messages per second event stream, verification of family members, FHIR insurance updates.
* 9/18-4/19: Solo developer migrating internal C# .Net 4.6 Razor web applications to .Net Core for AMC Theatres in KS.
* 11/17-9/18: Led a team porting a COBOL data service to .Net Core for USDA in KS.
* 2/16-11/17: Led a team creating C# .Net microservices and various types of web applications to improve patient care for Northwell hospital system in NY.

## Engineering Manager | NRC Health, Lincoln, NE Jul 2015 – Feb 2016

* Managed a team of four developers supporting a wide array of internal business applications.
* Participated in one-on-one meetings, goal setting, and reviews of my direct reports.
* Interviewed candidates and hired one software developer.
* Led agile ceremonies as the team scrum master.
* Coordinated with business units to ensure projects were delivered according to requirements and timing.

## Senior Software Developer | Nebraska DOT, Lincoln, NE Sep 2013 – Jul 2015

* Technical lead of a team of eight developers migrating COBOL programs to C# .Net MVC applications for the finance department.
* Improved requirements gathering practices by scheduling agenda-driven regular requirements meetings with the finance team.
* Led team training sessions to improve skills such as unit testing and the use of new technologies.

## Senior Software Consultant | Five Nines Technology Group, Lincoln, NE Jul 2011 – Sep 2013

* Led development team creating various software solutions for small and mid-sized businesses.
* Led sales meetings and landed new projects.
* Improved business and agile practices by working with the engineering director to create a requirement gathering workshop that we then sold as a service to customers.

## Senior Software Developer | TreeHouse Interactive, Draper, UT May 2007 – Jul 2011

* Solo developer working remotely to support existing customer C# web applications and created a new trademarked marketing tool named Reveal Web Analytics.
* Created Salesforce integrations.
* Improved a channel sales CRM product.

## Software Consultant | CH2M HILL, Seattle, WA Jun 2005 – May 2007

* Team member and team lead for various projects solving enterprise business issues.
* Led a team creating a desktop application for managing hunting licenses for Plum Creek Timber.
* Improved processes by introducing version control and scrum practices to the team.

## Software Developer | The Environmental Company, Seattle, WA Apr 2003 – Jun 2005

* Team member and team lead creating various solutions using MS Access and classic ASP websites.
* Developed an ASP website for the USCG to prioritize facility repairs based on a complicated algorithm related to mission and normal component life expectancy.
* Administered a database for environmental laboratory results.

## Software Developer | TerraGraphics Environmental Eng, Moscow, ID Mar 2000 – Apr 2003

* Solo developer on projects for internal applications and external customers using classic ASP and VB.Net.
* Developed a healthcare survey web application.
* Created a timecard application that all employees used.
* Managed an environmental database and improved the public website used to display the data.

# Education

## BS Geology, University of Nebraska, Lincoln 1999

* Hired by a professor to work in his laboratory preparing microscope slides of sediment samples with diatom fragments used to study climate change.
* Travelled to Antarctica for a field season to work on a climate change study and contributed a chart to the field season publication.

# Pluralsight Video Tutorials

* Agile Requirements Process: From Idea to Minimum Viable Product (2015)
* Effective C# Unit Testing for Enterprise Applications (2016)
* Extracting Database Information: Business Coding Playbook (2018)
* Microsoft Azure Developer: Performing Unit Testing & Integration Testing (2018)