Keith J. Ott

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8620 S. Maize Dr. / Oak Creek, WI 53154

Lead Software Engineer with 14 years of experience designing, developing, testing, and supporting mission critical software systems. Experienced project leader, trainer, and mentor.

CORE COMPETENCIES

- Thorough understanding and experience working with multiple programming languages and technologies, including C#, .NET Core, TypeScript, JavaScript, .NET Framework, ASP.NET MVC / Web API, HTML5, AngularJS, Sitecore, and Insite.
- Certified and experienced working in an agile environment with Scrum.
- Project leadership, mentoring, and team-building.
- Productively apply skills and knowledge in practical applications.
- Quickly learn new technologies and adapt to changing work and market conditions.
- Excellent communication skills; able to conceptualize and present complex ideas in a clear and understandable format to both technical and non-technical audiences.

PROFESSIONAL EXPERIENCE

Brady Corporation – Milwaukee, WI   **3/2018 – Present**

Lead Software Engineer

- Lead architect, programmer, tester, and support for e-commerce websites with combined $35 million in sales, written in ASP.NET MVC / Web API, C#, TypeScript, AngularJS, Sitecore, and Insite.
- Continuous Integration and Continuous Delivery (CI/CD) to Azure App Services with Octopus Deploy, Azure DevOps, Selenium, Puppeteer, Jest, and MSTest.
- Lead engineer responsible for proposing and implementing new agile planning process.
- Mentoring and training of junior developers.
- Identified and took leadership role in implementing new technology solutions including React, .NET Core, and Hugo.
- Migration of older websites to modern tech stack.

BuySeasons Enterprises – New Berlin, WI   **11/2015 – 3/2018**

Software Engineer

- Primary architect, programmer, tester, and support for ASP.NET websites, 3rd party integrations, and C# and VB.NET internal tools.
- Primary engineer responsible for enhancements, maintenance, and support of 3rd party integrations via Channel Advisor (Amazon) and CommerceHub (Walmart, Bed Bath & Beyond, buybuy BABY).
- Migrated website analytics from Omniture, including custom telemetry, to Google Tag and Google Analytics. This saved the company over $100,000 per year.
- Proposed and implemented retrofitting existing dropship platform to enable immediate integration with new parent company. Completed in one month, bypassing an expensive alternative.

Master Lock – Oak Creek, WI   **7/2014 – 11/2015**

.NET Software Engineer

- Primary C#, AngularJS, Bootstrap, ASP.NET MVC, ASP.NET Web API designer, programmer, and tester on complete rewrite of flagship software product.
- Accomplishments include leading the proof-of-concept AngularJS and Bootstrap conversion, creating self-service user account management tools, and designing and implementing integration with interactive voice response (IVR) cloud service.

Direct Supply, Inc. – Milwaukee, WI   **1/2011 – 7/2014**
Software Engineer

- Primary Xamarin.iOS, Xamarin.Android, ASP.NET, C#, Windows Presentation Foundation (WPF) designer, programmer, and tester on flagship products, including iOS/iPhone and Android apps.
- Accomplishments include lead engineer on AngularJS-based Cordova app for major customer event, overhaul of legacy code to solve serious customer-impacting quality issues, and redesign of antiquated billing software.

HK Systems, Inc. (acquired by Dematic) – New Berlin, WI   **6/2006 – 1/2011**
Software Engineer, Design Engineer – Software, Project Engineer

- Developed warehouse management software and equipment management software for major corporations, including Procter & Gamble, QVC, ES3, Southern Wine and Spirits, and Atlas Copco.

TECHNICAL SKILLS

Frameworks: .NET Core 2.0+, .NET Framework 3.5+, React, Angular 7+, AngularJS, ASP.NET MVC with Razor / Web API, MSTest, Jest, Jasmine, Universal Windows Platform (UWP), Windows Presentation Foundation (WPF), Windows Forms (WinForms), Entity Framework 6 (EF6), StructureMap, Simple Injector, Autofac, Apache Cordova, jQuery, Bootstrap, Hugo

Languages: C#, JavaScript, TypeScript, PowerShell, HTML5, Sass, CSS, Visual Basic.NET (VB.NET), XAML, C/C++, T-SQL, SQL, XML, assembly (ASM)

Concepts: SOLID, Object-oriented design / architecture / programming, design patterns, dependency injection, continuous integration (CI), continuous deployment (CD), automated testing, unit testing, multi-tiered architecture, Unified Modeling Language (UML), agile, Scrum, source control, responsive design, Gitflow, pull requests

Platforms: Microsoft Windows, Microsoft SQL Server, Microsoft Azure, Windows Server, Xbox One, iOS/iPhone 4.0+, Android 2.2+, Ubuntu Linux, openSUSE Linux, virtualization, Team Foundation Server (TFS), Git, TFS Team Build, Azure DevOps, Octopus Deploy, Google Tag, Google Analytics

Software: Visual Studio, Visual Studio Code, Resharper, npm, nuget, Microsoft SQL Server Management Studio (SSMS), Microsoft Office, JIRA, JustDecompile, dotPeek

EDUCATION / CERTIFICATIONS

Scrum.org, 2012
Professional Scrum Developer I

Milwaukee School of Engineering, 2008
Bachelor of Science Software Engineering
Graduated with Honors

PROFESSIONAL ASSOCIATIONS

Member Tau Beta Pi, Engineering Honor Society, 2007 – present
Member WI .NET Users Group