

Lucas J. Krammes

Home Address:
955 Traci Ln.
Akron, OH 44321

Contact Information:
Home: (330) 294-0515
Mobile: (330) 962-9059
Email: lucas@holeshotsoftware.com
<http://blog.krammesnet.com/>
<http://www.holeshotsoftware.com/>
<http://www.linkedin.com/in/lkrammes/>

Education

- MIAMI UNIVERSITY, Oxford, OH
- **Bachelor's Degree of Applied Science, major in Computer Science, and Bachelor's Degree in Arts, major in Systems Analysis** with a special interest in microbiology
- Major Courses Taken: Object Oriented C++, Software Engineering, Database design and implementation, COBOL Programming, PERL Programming, SQL, Computer Networking, Operating Systems, Oracle Database, Artificial Intelligence, Client Server Systems (JavaScript, UNIX/LINUX, mySQL, PHP, web design and implementation), Algorithms, Simulation, Computer Architecture, Visual Basic, Ethics in Computing, Analysis of Deterministic Systems, Analysis of Stochastic Systems, Calculus I and II, Discrete Math, Statistics for Scientists and Engineers, Technical Writing, and Macroeconomics
- Hands on technologist with experience in: Visual Studio 2003-2022, .NET Core, .NET 1.1-4.7, C#, Azure Functions, Azure Service Bus, Azure SQL and multi-tenancy and SQL Elastic Pool, Azure IOT Hub and Device Provisioning Service, Azure Stream Analytics, Azure Media Services, ASP.NET MVC 4-5, Team Foundation Server, Azure DevOps and build pipelines, Continuous Integration, Azure, asynchronous patterns in C#, Media Services, Identity Service 4, Telerik Kendo UI, HTML5, MVVM pattern, MVVMLight, JavaScript, JQuery, CSS, Ajax, LINQ, Entity Framework, code first and database first implementations, SQL Server 2000-2016, TSQL, Oracle, PL/SQL, Scrum, ReSharper and other JetBrains tools, Winforms, ASP.NET, VB.NET, Design Patterns, Infragistics, Subversion, SourceSafe, LLBLGen Pro O/R mapping software, Enterprise Library, Composite Application Block, RedGate Ants Analysis Tools, Dotfuscator, CSLA, Crystal Reports, SSRS, Nuget, TeamCity, MSBuild, Agile Programming techniques, Design, analysis, implementation, and maintenance of enterprise applications, code reviews
- Certifications: Professional Scrum Master, Professional Scrum Developer, Microsoft Certified Professional, Microsoft Certified Solutions Architect: Web Applications, Microsoft Specialist: HTML5 with JavaScript and CSS3, Microsoft Certified Solutions Developer: Web Applications, Microsoft Certified Solutions Developer: App Builder

Work Experience

June of 2013 – present, President of Holeshot Software, LLC, Akron OH

August 2022 – present, Software Engineering Consultant, Park Place Technologies, Ohio

February 2017 – August 2022, Software Engineering Consultant, 360 Collaboration, Los Angeles, CA

- Developer on iot based portal for meeting room telemetry aggregation software utilizing an azure cloud and multi-tenant architecture with heavy utilization of azure functions, service bus, IOT hub, and stream analytics. In charge of all azure assets, devops, and subscriptions for UCWorkspace portal project.
- Developer on telemetry portal for NEC
- Developer on SmartOffice Hub software for Lenovo.

- Developer on Shared Media Player, an Azure and UWP software platform to sync media viewing across the world, with feedback from Capitol Records that focused on the collaboration of media that leveraged UWP, Azure, and Media Services.

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October 2015 – February 2017, Software Engineering Consultant, FirstEnergy, Akron OH

- Scrum Master, tech lead, trainer, and mentor for a group of 8 developers to successfully lead a modernization of a legacy PowerBuilder/Oracle application to MVC and C#

August of 2015 – October 2016, Software Engineering Consultant, Collaboration Solutions, Inc., Sherman Oaks, CA

- Architected, developed, and implemented, internal .net MVC application to manage license keys in Azure

December of 2014 – October 2015, Software Engineering Consultant, Bob Evans, New Albany OH

- Writing and integrating a .NET application to gather customer information into an existing touch screen point of sale system and interface with their CRM via web services
- Writing and integrating a .NET interface to VeriFone Point encryption devices into existing point of sale system. Went live at all 600 Bob Evans locations and made them one of 5 major restaurant chains to have credit card encryption in the US.

June of 2013-December of 2014, Software Engineering Consultant, FirstEnergy, Akron OH

- Member of one of several Scrum teams engaged in the successful conversion and application modernization of over 400 Lotus Notes applications to a C# MVC 4 stack using SQL Server 2012 and Oracle backbones.
- A strict timeframe resulted in the development of custom tooling that leveraged code generation, canonical design, and generic framework code to promote rapid development while maintaining a focus on quality.

June of 2006 – June of 2013, Architect Evangelist, TMW Systems Inc.

- Part of a task force working directly with the Director of Operations and other developers to track down .NET memory and performance issues in all the applications across the organization and make the appropriate code changes.
- Architecture Team Lead. Leading a team that is planning and executing a strategy to improve the technical code health of the organization by not only evangelizing solid practices, but also providing stable code components for consumption within the company.
- Software Engineer/Team Lead. Part of the research and development team designing and implementing client solutions on the web in a new market.
- Architect Evangelist/Software Engineer. Part of the .NET research and development team that interacts directly with clients to develop software solutions to give them immediate value in solving business problems, as well as developing those solutions into our commercial product to make it more powerful.
- Formerly part of the Next Generation, code name “Evolution” Team, architecting and developing a scalable, database independent commercial .NET application from the ground up to replace the existing PowerBuilder solution.
- Developed and architected a UI framework based on the Infragistics control suite, as well as database independent business objects using a reflection-based data access layer.
- Introduced a collaborative environment like the Microsoft Patterns and Practices “War Room”.
- .NET contact for PowerBuilder developers in the company to write a Microsoft certified application in order to keep our Gold status for 2 years.
- Architected the refactor and restructure of the current code base to eliminate circular dependencies, improve discoverability, provide a foundation of framework code, and organize the build process, including a major refactor to incorporate all the UI and have one common UI codebase. This was done simultaneously among multiple .NET applications, some of which were live at client sites.

- Manager of the Architecture team, in charge of one employee and our summer intern that improved coding patterns and practices using agile techniques across the organization by evangelizing a continuous build process, unit testing, code coverage, and FX Cop for all the .NET code within the company.

May of 2003 – June of 2006, Software Engineer, Sheakley Group

- Gathering requirements, designing, developing, testing, and maintaining and .NET enterprise application with a SQL Server backbone from the ground up. This system was being developed to replace and improve upon an existing COBOL system.
- Worked closely with the customers gaining knowledge of the business to provide technical solutions for the company's issues.
- Developed a smart client using agile programming techniques in conjunction with Microsoft's Composite Application Block, Enterprise Library, and Visual Studio 2005

Activities

- CodeMash 2008, 2009, 2010, 2012, 2013, 2015, 2016, 2017 attendee
- Founder/Organizer of DrinkRedForHaiti, a 200+ person yearly fundraiser held at my home to benefit Akron Children's Global Health Fund, raising over 500K to date
- Organized and actualized 2, 80+ person fundraisers to send doctors from Akron Children's Hospital to Kenya
- Held positions as Executive Vice-President, President of the Alpha Alpha pledge class, Philanthropy and Judicial Board Chairman of Sigma Tau Gamma Fraternity
- Held positions as Executive Vice-President, Co-Founder, and Captain of the Miami University Club Roller Hockey Team
- Active member of the Buckeye and Northern Ohio chapters of the BMW Car Club of America