**Luke Nathan Foust**

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**What I Know Best** C# 20 years, Expert  
 Asp.Net 20 years, Expert  
 SQL Server 6 years, Intermediate  
   
Javascript 8 years, Intermediate  
Azure 9 years, Intermediate  
CSS 7 years, Intermediate

**What I Bring to the Table**

Passionate about researching and learning new technologies by working on side projects. Current project: [thediscdb.com](https://thediscdb.com).

Has participated in several open source projects such as YUI.NET, TagChimp.NET, Google Charts for ASP.NET, [Smugmug.NET](https://github.com/lfoust/smugmug.net), and [Stacky](https://github.com/lfoust/stacky).

Proactively solves problems by researching solutions and debugging problems quickly and effectively.

Demonstrates good communication skills when interfacing with clients, participating in business development planning, and mentoring other developers.

**Where I’ve Been**

**Senior Software Developer**

Microsoft; Redmond, WA  
Sept 2020 – Present

**azure.microsoft.com Team**

Built backend services and libraries as part of the platform that powers the Azure marketing site (azure.microsoft.com). Lead the transition from .Net Framework to .Net Core. Managed the security lifecycle for the team. Mentored other developers.

**Technologies Used:** C#, .Net Core, Asp.Net MVC, Microsoft Azure, Azure Functions, git

**Senior Member of the Technical Staff**

Salesforce; Bellevue, WA

April 2019 – Sept 2020

Worked on core backend APIs used for internal Salesforce applications as well as customer facing applications. Improved the integration with the Salesforce Lightning client platform by generating RAML for Salesforce APIs.

**Technologies Used:** java, perforce, git, maven, RAML

**Senior Software Developer**

Microsoft; Redmond, WA  
October 2007 – March 2019

**msn.com Team**

Built a new ad monetization service from the ground up for running real time auction and maximizing revenue for ads on msn.com.

**Technologies Used:** C#, Asp.Net MVC, Asp.Net Web API, Microsoft Azure, .Net Core, Azure Service Fabric, git

**xbox.com Team**

Technical lead on Xbox Design Labs (<https://xboxdesignlab.xbox.com/>). Designed and built backend services and storage for the June 2016 launch of this brand new xbox.com site.

**Technologies Used:** C#, Asp.Net MVC, Asp.Net Web API, Windows Azure, Azure CosmosDB, git

**Bing News Team**

Worked on two releases of the Bing news app for Window 8. Also worked on the re-write of the msn.com website launched in the Fall of 2014.

**Technologies Used:** C#, Visual Studio, HTML, Javascript, Asp.Net MVC, Asp.Net Web API, Windows Azure

**Expression Blend Team**

Worked on the first release of Expression Blend for HTML which supports the design of modern applications for Windows 8. I owned the testing for many of the core and data related features including fragment editing, data binding, and the design surface rendering pipeline.

**Technologies Used:** C#, Visual Studio 2012, HTML, Javascript

**Windows Application Compatibility Services Team**

Owned the functional testing for a pipeline which handles Terabytes of telemetry data for Windows and Application Compatibility. Made major contributions to the testing framework and testing methodologies of this version 1 product.

**Technologies Used:** C#, SQL Server, LINQ to SQL, SSIS, PowerShell

**Windows Reliability Team**

Worked on the Longhaul testing initiative which tests Windows components in a long running, non-stress environment. Also developed and maintained an end to end testing framework for the Reliability Analysis Component (RAC) which tested the accuracy of data from the client to the backend server.

**Technologies Used:** C#, SQL Server, LINQ to SQL, XML, WTT, SQM

**MakeOfficeBetter.com**

A side project developed in conjunction with a product planner on the Microsoft Office team which collects ideas and feedback on Microsoft Office products and allows users to vote up their favorite ideas.

**Technologies Used:** C#, ASP.NET MVC, Entity Framework, SQL Server, JQUERY, CSS, XHTML

**Senior .Net Developer**

TrendSource; San Diego, CA  
April 2002 – September 2007

**Accomplishments at Trendsource**

Developed a reporting framework which reduced development time of client reporting sites by 90% and significantly increased web site reliability.

Led the implementation of code quality and development process improvements such as source control with Microsoft Team Server, Unit Testing with NUnit, and code style guidelines.

Managed the major upgrade of a contractor portal site to facilitate an increase in the size of the user base from 15,000 to 35,000 users.

Represented the development team in the business planning of new products which led to the launch of three new version one product releases.

Managed the development and authored the training for internal tools such as work item tracking, error logging, and client site customization.

Developed and maintained the core class library which was used company-wide as a basis for all applications and included business classes which were implemented using Object Relational Mapping as well as a web control library and various utility classes.

**Technologies Used at Trendsource**

C#, ASP.NET, SQL Server, Javascript, AJAX, CSS, XML, Object Relation Mapping (ORM), Web Services, IIS

**Java Developer**

Tranceive Technologies; San Diego, CA

August 2000 – August 2001

Developed embedded **Java** software for cable television set top boxes. As one of the most junior developers in the company was able to make a big impact by developing a demo which was used to sell investors on the product.

**Web Integration Developer**

Xerago.com; San Diego, CA

June 2000 – August 2000

Consulted with clients to plan and implement content management systems using Interwoven Team Site, PERL, PHP, and HTML.

**Freelance Web Developer**

Self Employed;San Diego, CA  
January 1999 – June 2000

Developed websites for various small businesses using PERL, HTML, CGI, and MySql. Projects ranged from small corporate web sites to an online dating survey.

**Perl Developer**

Encyclopedia Britannica;La Jolla, CA  
September 1997 – October 1998

Worked on the team that developed both the manufactured CD-ROM and the online versions of the Encyclopedia Britannica. Wrote data manipulation scripts to process thousands of encyclopedia articles using PERL and regular expressions.

**Computer Support Technician**

Point Loma Nazarene University; San Diego, CA  
September 1996 – August 1997

**Where I Graduated From**

BS in Computer Science  
 Point Loma Nazarene University  
 San Diego, CA