

Nikhil Kothari

Engineering Manager at Google

Summary

- Built and launched Machine Learning/AI/Data Science services and development tools in Google Cloud Platform at Google (<https://cloud.google.com/ml-engine> and <https://cloud.google.com/datalab>).
 - 16 years of exceptional track record building Cloud, web and mobile applications, tools, frameworks and platforms at Microsoft (Azure, ASP.NET, Bing).
 - Diverse set of skills based on launching products and services ranging from machine learning and web developer platforms/tools/services to consumer experiences.
 - Hands-on approach and execution through all stages of product cycle from idea inception/incubation, vision development, prototyping, architecture definition and design, implementation, shipping and presenting/evangelizing to customers.
 - Delivered results in different roles spanning software engineer, engineering lead, and architect, in different capacities from individual contributor, manager and mentor.
 - Solid design/architecture skills combined with pragmatic approach to development and ability to relate to business needs/requirements, to connect and engage directly with customers and understand/incorporate new technologies.
 - Filed and awarded 50+ patents and received many awards over the course of my career.
 - Creator of Script# (<https://github.com/nikhilk/scriptsharp>)
 - Reachable via my web site (<http://www.nikhilk.net>) or via twitter (<http://twitter.com/nikhilk>)
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Experience

Senior Staff Software Engineer at Google

November 2013 - Present

Engineer and Engineering manager - started, developed and launched products and services for Machine Learning/AI, and Big Data tools. Cloud Machine Learning Engine (<https://cloud.google.com/ml-engine>) and Cloud Datalab (<https://cloud.google.com/datalab>)

Partner Software Architect, Windows Azure at Microsoft Corporation

May 2012 - October 2013 (1 year 6 months)

- Working on Windows Azure application platform and tools
- Building cloud services such as Windows Azure Mobile Services providing MBaaS/BaaS (mobile backend as a service) capabilities to power modern applications across devices.
- Incubating next-generation PaaS services in various spaces such as search, and machine learning/big data scenarios.

Partner Software Architect, Bing/Online Services at Microsoft Corporation

September 2010 - May 2012 (1 year 9 months)

- Built local, social, mobile experiences bringing Bing search experiences to consumers across multiple mobile phones/devices and platforms including iOS, Android, Windows Phone and mobile web through a combination of native and HTML5-based solutions.
- Contributed to architecture, and vision for next-generation Bing Information Platform, and APIs.

Principal Software Architect, .NET Platform at Microsoft Corporation

April 2005 - September 2010 (5 years 6 months)

- Led the inception, design and development of ASP.NET Ajax
- Created Script#, a development tool for compiling C# into JavaScript, and powering large/application scale development of script-based web applications.
- Contributed a key role in the revamp of IIS7, Microsoft's Web Server product
- Incubated and developed the early foundations of Silverlight and managed code programming model for rich internet applications
- Developed early vision, prototype and development of RIA Services, a Line of Business Application development framework for Microsoft's .NET/Silverlight platforms and tools.

Software Development Engineer Lead, ASP.NET, .NET Platform at Microsoft Corporation

July 2000 - April 2005 (4 years 10 months)

- Led the design, and development of the .NET Framework, ASP.NET, Web Forms and the Server Control framework from their inception through multiple releases.
- Created foundational technology to provide the foundation for successful products such as Sharepoint.
- Incubated and released Web Matrix, a development experience for Web sites and applications, leading to technical and business innovation within Microsoft tools.

Software Development Engineer, Visual Studio at Microsoft Corporation

July 1997 - July 2000 (3 years 1 month)

- Designed and developed features for Visual Studio, Visual Basic and Visual InterDev, including the web editing experiences for HTML/CSS/Script editing.

Education

University of California, Irvine

BS, Computer Science, 1994 - 1997

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[Contact Nikhil on LinkedIn](#)