Murat Girgin

Redmond, WA

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Creative, resourceful, naturally curious individual. I value customer satisfaction the most and work on achieving it through cost-effective, simple solutions.

Experience

2019 - Current

Cofounder **- (Stealth startup)**

Working on a new innovative B2B SaaS solution.

2015 - 2019

Principal Engineering Manager **- Microsoft**

DevDiv. Responsible for ASP.NET Core. Worked with a large team of engineers and a larger group of open-source contributors on GitHub. Implemented strategies to release large scale open-source products that were shared by other open-source teams at Microsoft.

2013 - 2015

Senior Engineering Lead **- Microsoft**

DevDiv. Responsible for Entity Framework. Main contributions were open-sourcing Entity Framework 6 and making Entity Framework Core cross-platform.

2011 - 2013

Senior Test Lead **- Microsoft**

Azure - App Service. Responsible for App Service components. Implemented strategies to test fault-tolerance, improve and measure performance (both runtime and deployment) and ensuring that multi-tenancy works in an optimal way.

2009 - 2011

Senior Test Lead **- Microsoft**

Azure - RDFE. Responsible for Azure Resource Management APIs that span compute, storage and networking. Took a three-month stint as an IC engineer to implement Azure's first QoS service.

2006 - 2009

Test Lead 2 **- Microsoft**

Windows Serviceability team. Responsible for graphics drivers, D3D components, XAML/WPF components.

2004 - 2006

SDET **- Microsoft**

Windows Serviceability team. Worked on graphics drivers.

2002 - 2004

Software Engineer **- Tikle**

ASP.NET (classic) Web Services. J2ME/C++ apps and games for mobile.

Education

1999 - 2003

BS, Computer Science and Engineering **- Isik University**

Interned at SadeceHosting (designed and implemented various PHP services) and NTV (designed an implemented an ASP.NET classic intranet site). Thesis was on Computer Graphics.

Technical skills

- .NET/.NET Core, ASP.NET Core, C#, F#
- Azure: App Service, Storage, AKS, Azure API
- Cloud concepts, high-availability, fault tolerance, service-mesh, logging, ...
- Dev ops automation & systems
- Containers, Docker, Kubernetes, Helm
- SPA apps, React, Vue, Redux, Elm-pattern
- Python, TypeScript/JavaScript
- Machine learning concepts, TensorFlow, PyTorch, Jupyter (beginner/medium level)