



My Developer Journey with .NET

Justin Yoo
Senior Cloud Advocate



Who Am I?

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Justin Yoo 俞政俠
Senior Cloud Advocate

 devkimchi.com

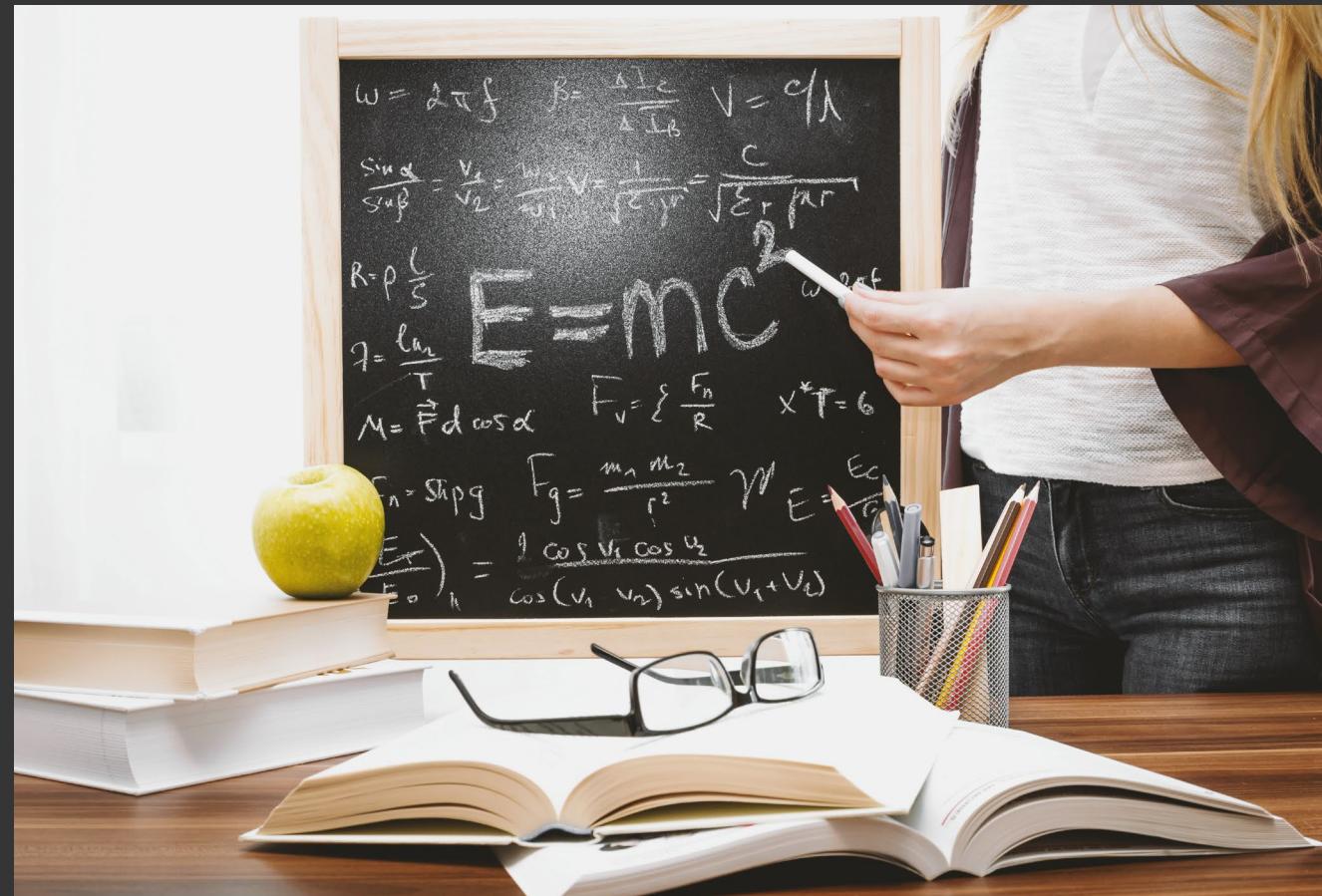


This is the story about my developer journey...

Once upon a time...

Before becoming a dev

Majored in Education at a university



Before becoming a dev

2000: Started as a career development specialist

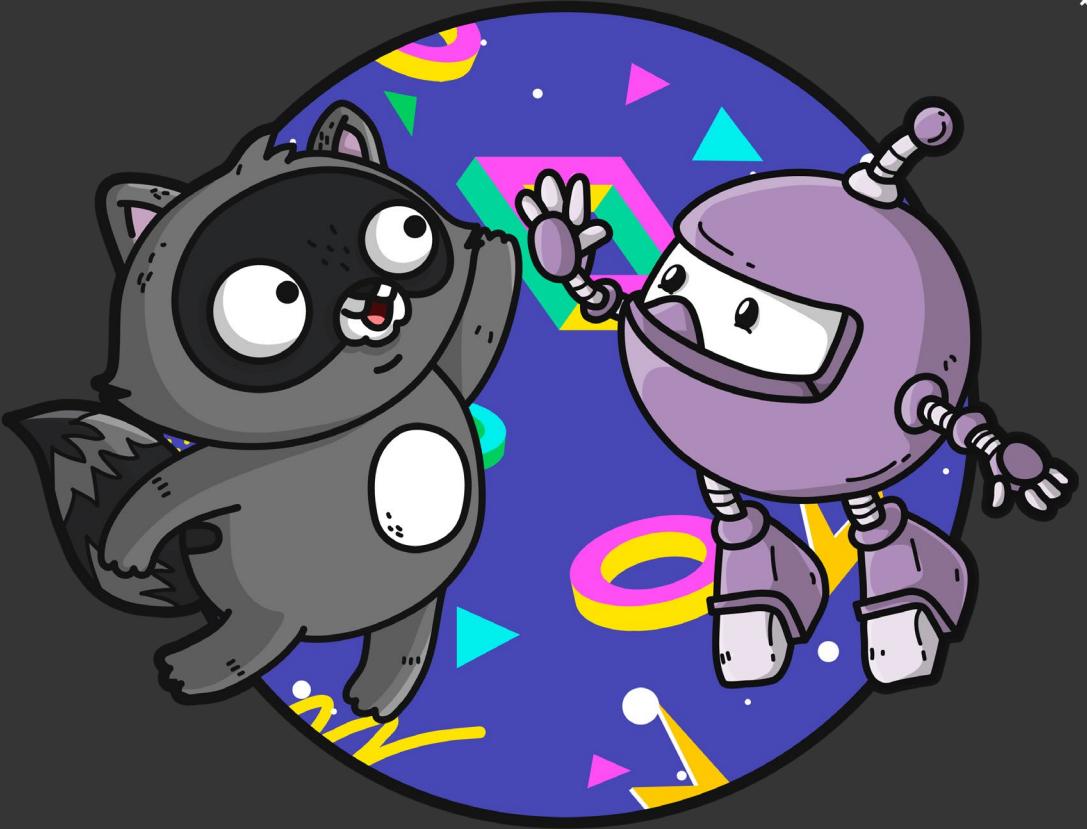


Before becoming a dev

2003: Inspired by engineers – change to developer



First Timer in Korea



2003: .NET Framework 1.1

Product Marketing Management System

ASP.NET 1.1

C#, classic ASP

Visual Studio .NET 2003

Web Form, Drag & Drop



2003: .NET Framework 1.1

What is object-oriented programming?



2003: .NET Framework 1.1

One method takes care of everything

Spaghetti codes

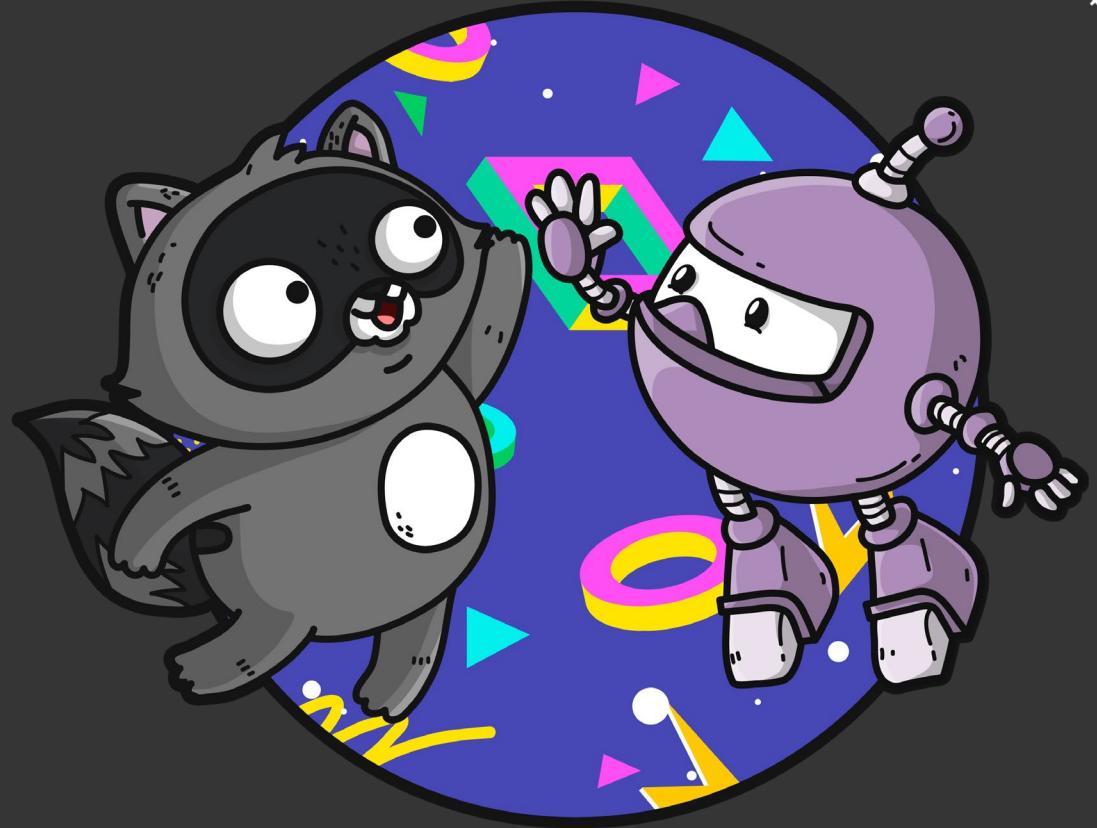
No test codes – F5-driven development

No source code management system

Manual deployment



Back to University



2006: .NET Framework 2.0

Studied Masters Degree in IT at university

ASP.NET 2.0

Visual Studio 2005

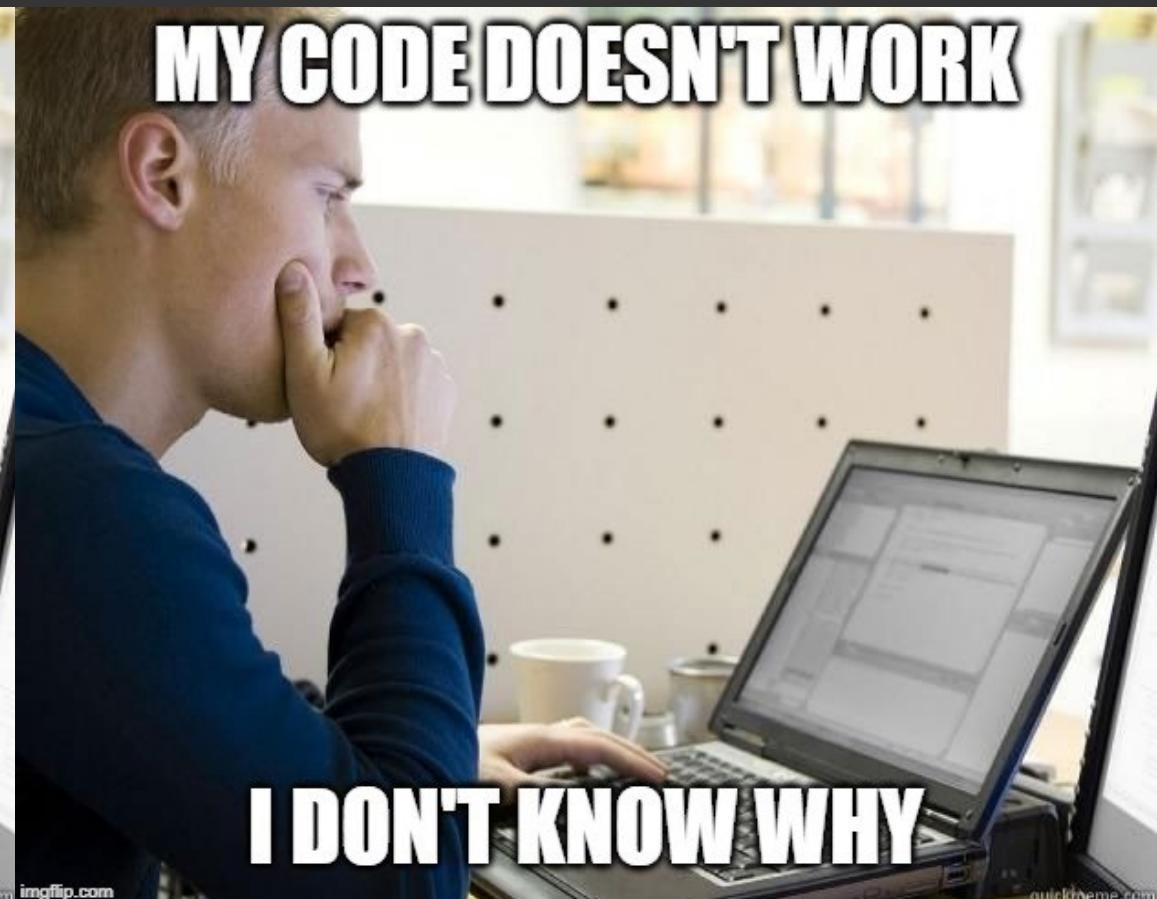
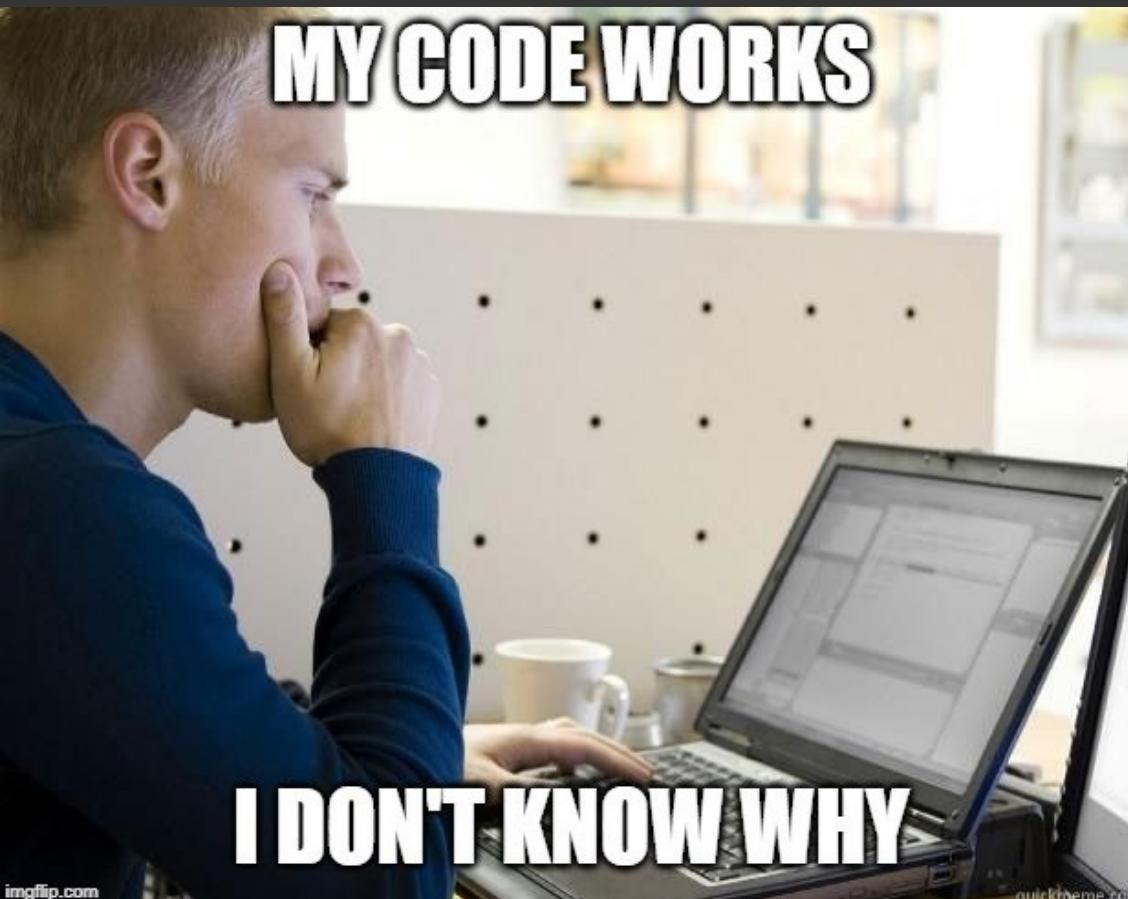
Master template, User controls

Partial classes, Iterators, Nullables



2006: .NET Framework 2.0

Why my codes just work?



2006: .NET Framework 2.0

Still...

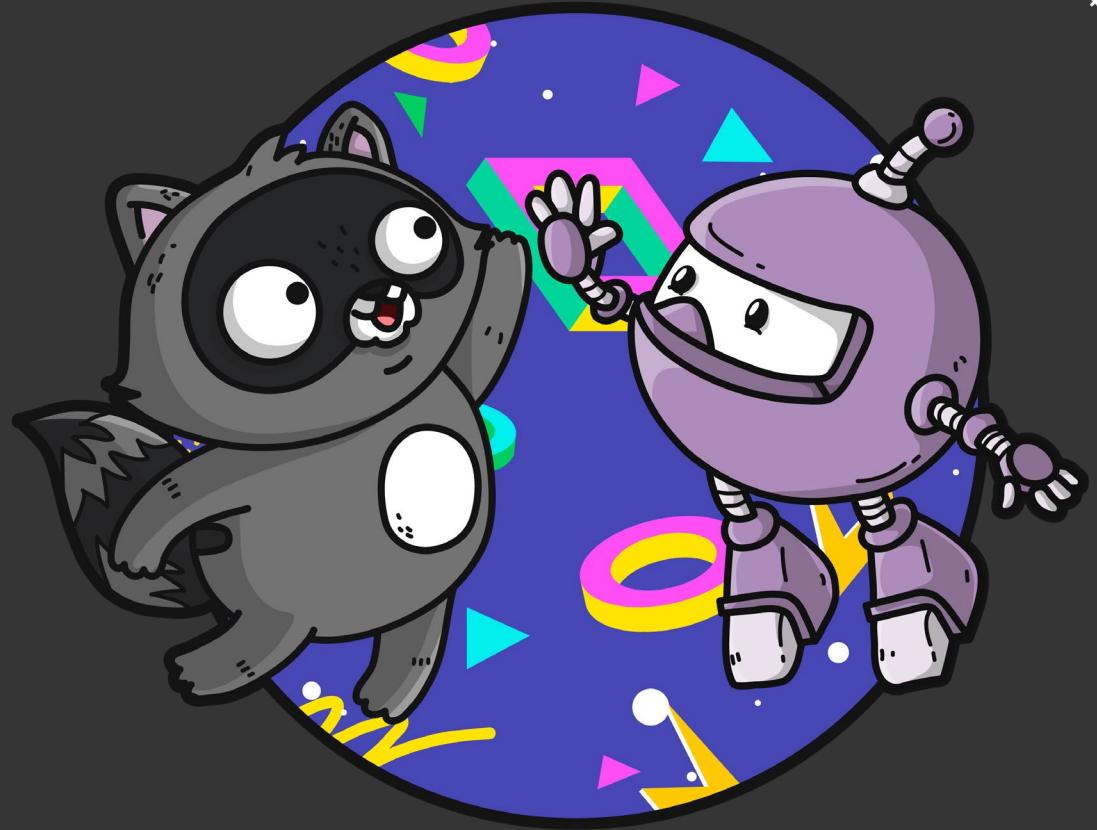
One method takes care of everything
Spaghetti codes

No test codes – F5-driven development

Manual deployment



First Timer in Australia



2007: .NET Framework 3.5

Fundraising Event Management System

ASP.NET 3.5

C#, Visual Basic .NET

Visual Studio 2008

WCF, LINQ

Visual Source Safe



2007: .NET Framework 3.5

First public-facing application



2007: .NET Framework 3.5

Periodic scaling issue

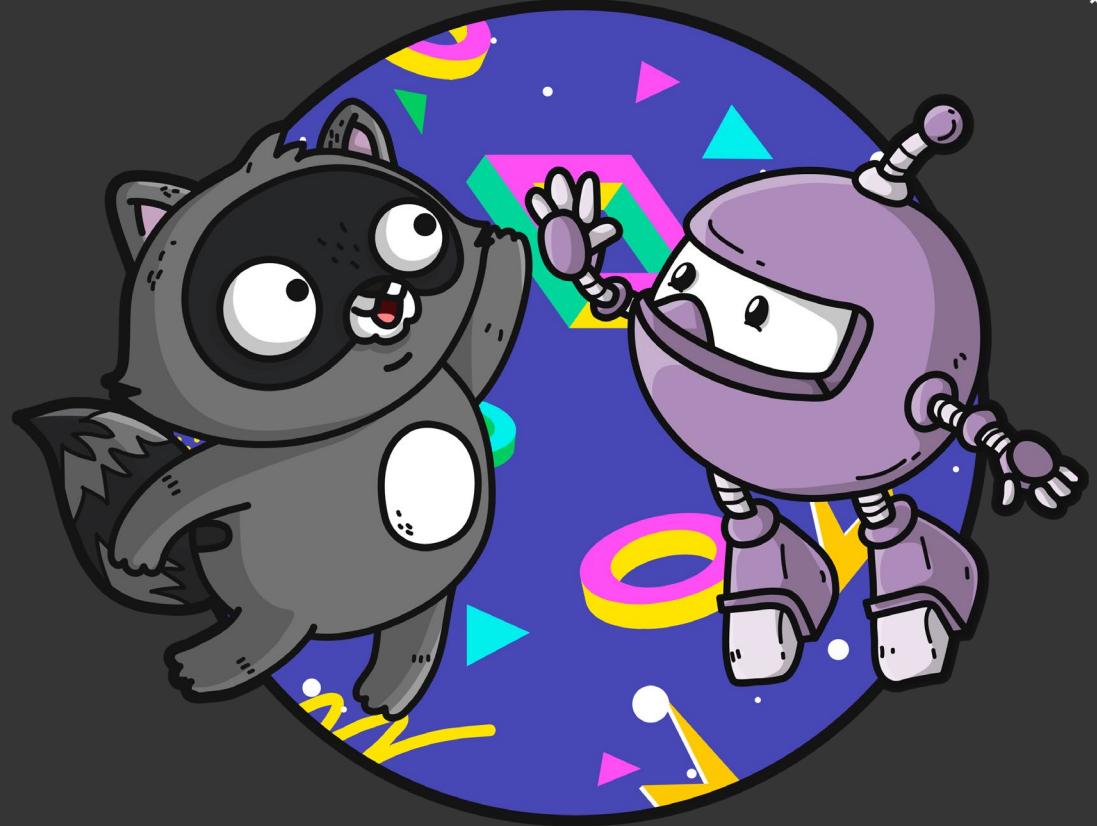
OOP in real-life

Mixture of C# and Visual Basic

Visual Source Safe to SVN migration



Junior Developer



2010: .NET Framework 4.0

Customer Management System

ASP.NET 4.0

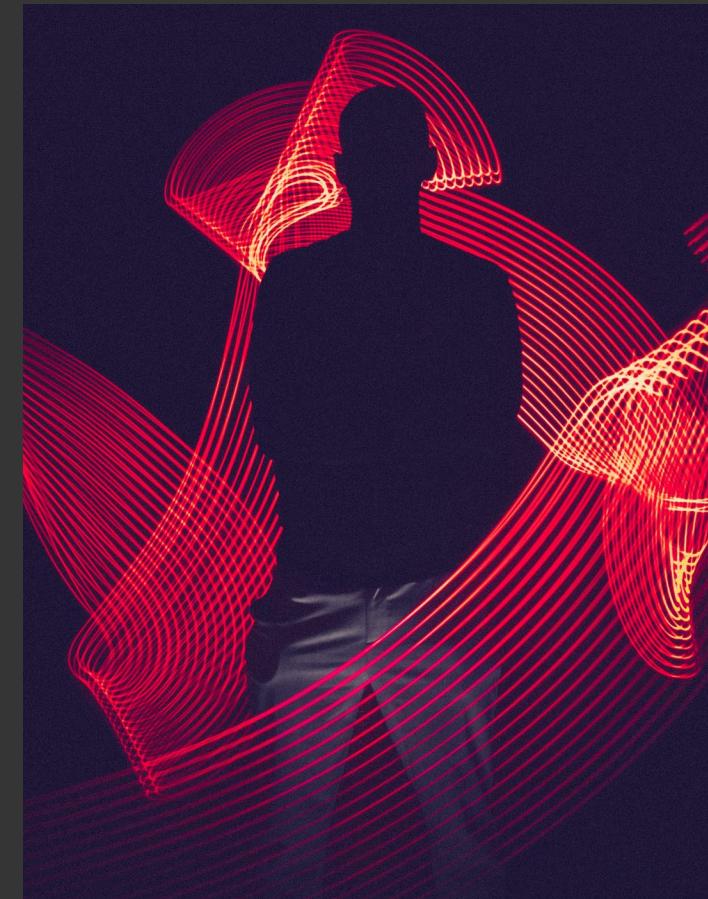
Visual Studio 2010
MVP Pattern, MVC Pattern

Team Foundation Server



2010: .NET Framework 4.0

First exposure to design pattern



2010: .NET Framework 4.0

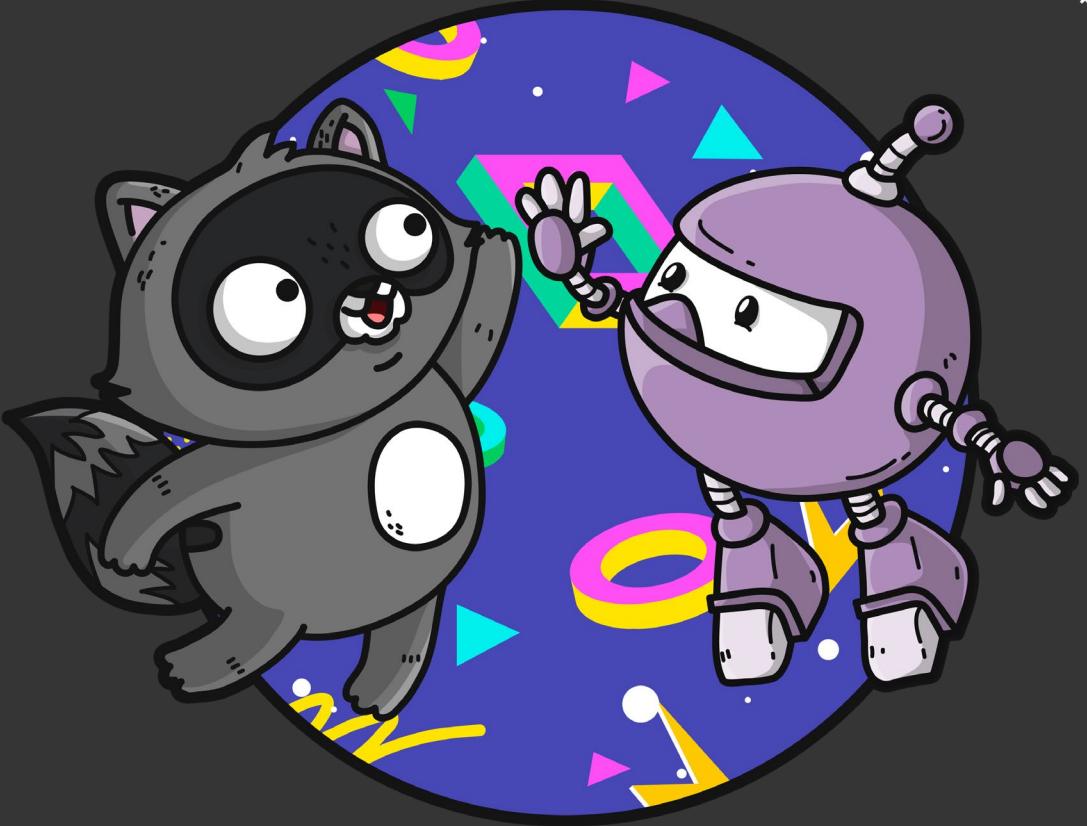
Start battling with legacy systems

Awareness of communities internally/externally

Awareness of team collaboration



Open Source Exposure



2012: .NET Framework 4.5

Open Source Content Management System

ASP.NET 4.5

Visual Studio 2012

Design patterns, User controls, Master templates

Mercurial (Hg)



2012: .NET Framework 4.5

Recognition of open source eco-system



2012: .NET Framework 4.5

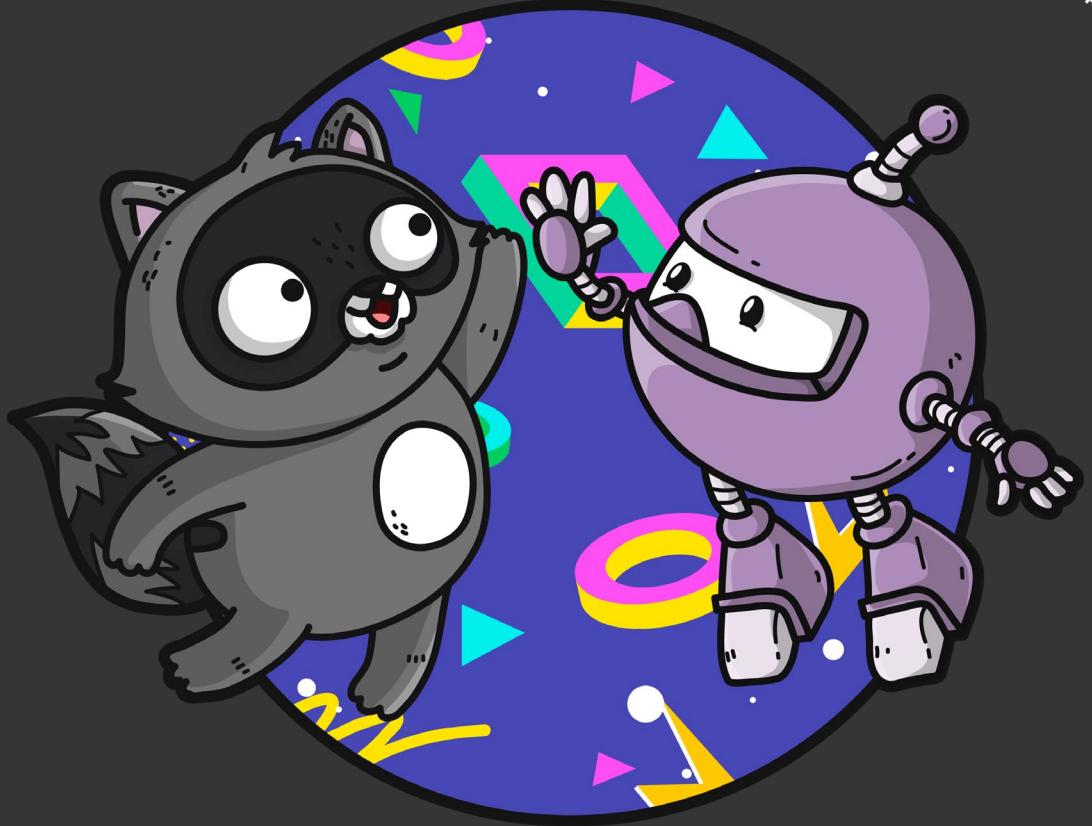
Scaling issue

Strong coupling between application and database

Patch-driven development
Exposure to technical debt



Senior Developer



2013: .NET Framework 4.5

Credit Analysis & Reporting System

.NET 4.5

Visual Studio 2013
Full stack, WCF, RESTful API, Integration

SVN



2013: .NET Framework 4.5

Patchworking on legacy applications



2013: .NET Framework 4.5

- Compliances for external consumers
- API versioning
- Dealing with legacy applications
- Mixture of technologies and languages
- SVN to git migration



Azure Exposure



2015: .NET Framework 4.6

Azure-based Applications

.NET 4.6

Visual Studio 2015

Full stack, Entity Framework, SignalR, Integration

git



2015: .NET Framework 4.6

Comprehensive understanding of design patterns



2015: .NET Framework 4.6

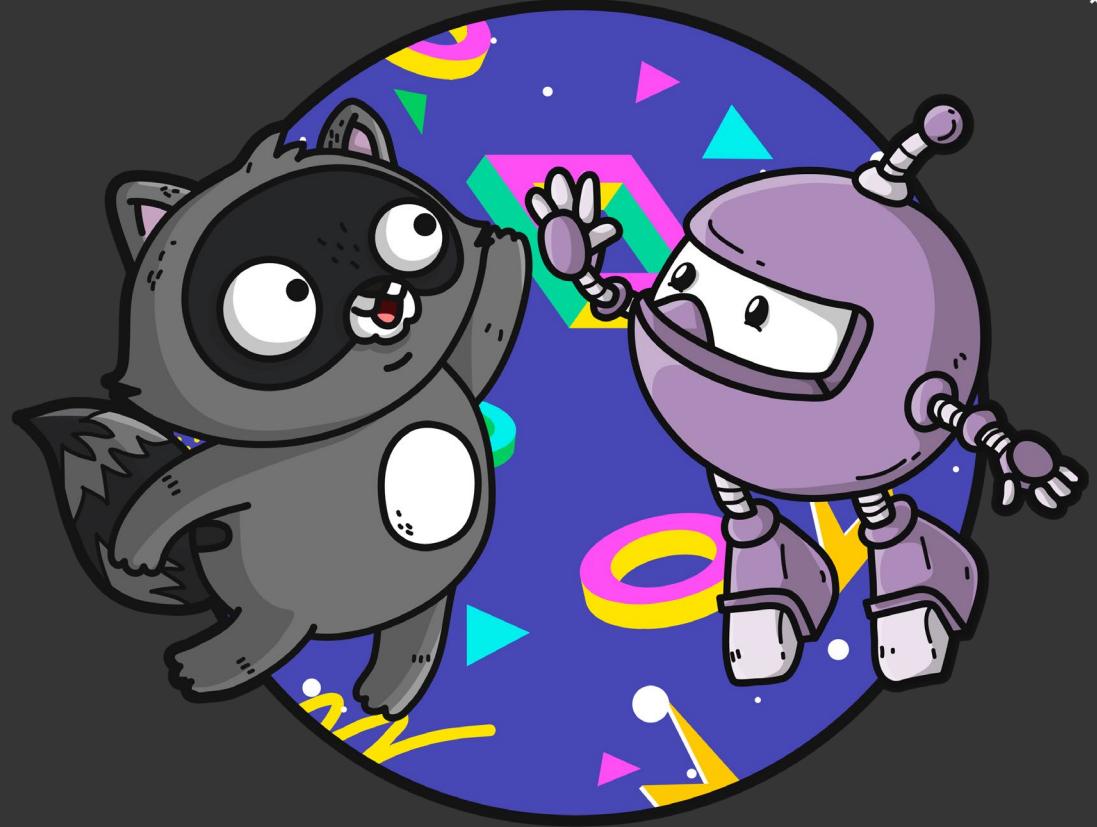
Microsoft MVP – ASP.NET

Active community contribution

Async/await programming



Open Source Contributor



2016: .NET Core 1.0

.NET 4.6, .NET Core 1.0

Microsoft MVP – Azure, Developer Technologies

Active community contributions
Starting open source contributions



2017: .NET Core 2.0

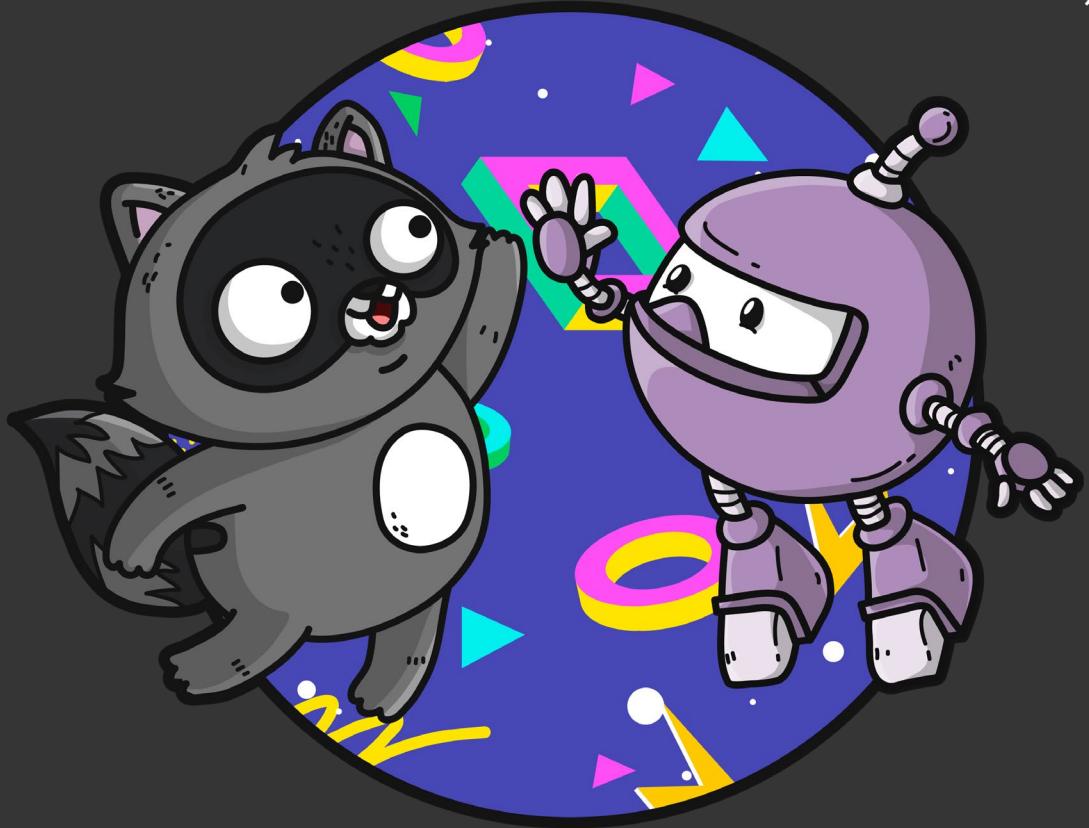
.NET 4.7, .NET Core 2.0

Expand different areas including IoT and MR

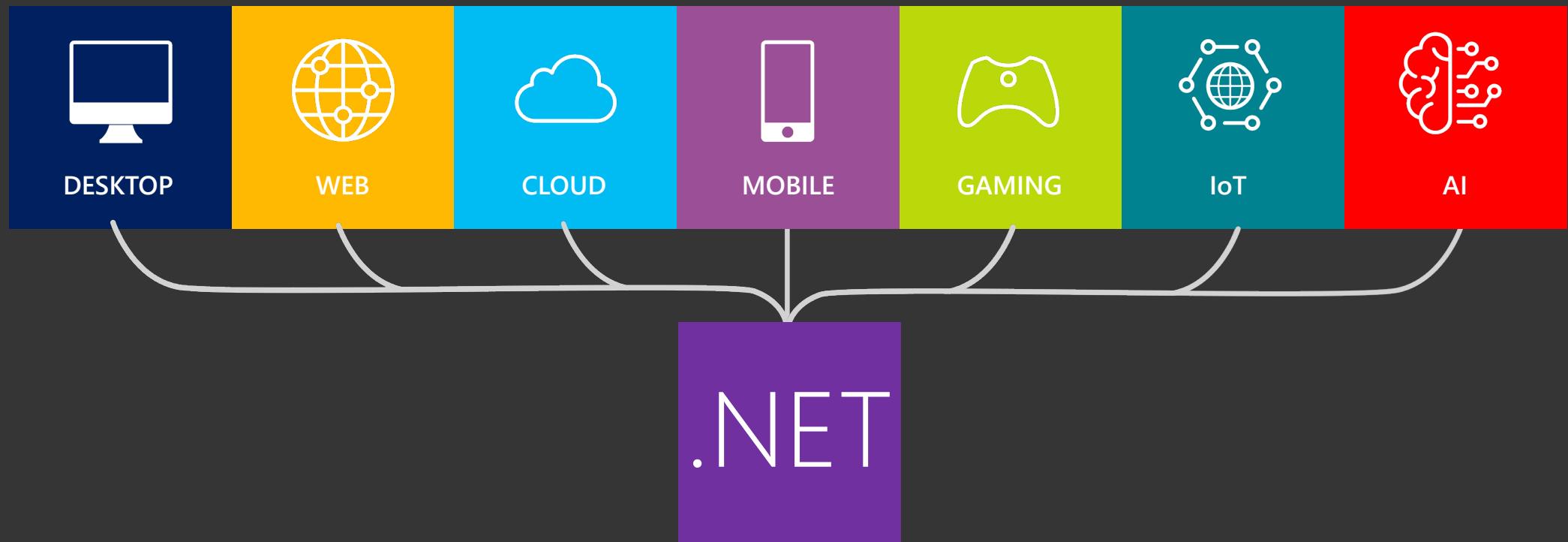
Active community contributions
Active open source contributions



Now What?



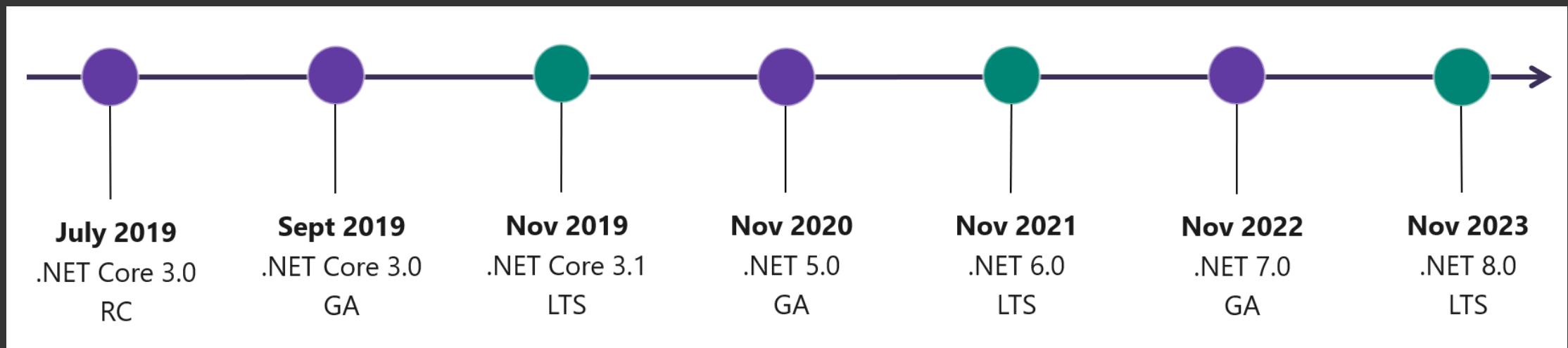
2019: .NET Core 3.0



2020: .NET 5



.NET 5 and onwards



Download .NET Core Now

aka.ms/get-core3

aka.ms/get-visualstudio





Thank You!

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