

Kunal Chowdhury

# Mastering Visual Studio 2017

Boosted productivity, redefined fundamentals,  
streamlined Azure development, and more



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# Mastering Visual Studio 2017

Visual Studio 2017 is the all-new IDE released by Microsoft for developers, targeting Microsoft and other platforms to build stunning Windows and web apps. Learning how to effectively use this technology can enhance your productivity while simplifying your most common tasks, allowing you more time to focus on your project. With this book, you will learn not only what VS2017 offers, but also what it takes to put it to work for your projects.

Visual Studio 2017 is packed with improvements that increase productivity, and this book will get you started with the new features introduced in Visual Studio 2017 IDE and C# 7.0. Next, you will learn to use XAML tools to build classic WPF apps, and UWP tools to build apps targeting Windows 10. Later, you will learn about .NET Core and then explore NuGet, the package manager for the Microsoft development platform. Then, you will familiarize yourself with the debugging and live unit testing techniques that comes with the IDE. Finally, you'll adapt Microsoft's implementation of cloud computing with Azure, and the Visual Studio integration with Source Control repositories.

## Things you will learn:

- Learn what's new in the Visual Studio 2017 IDE, C# 7.0, and how it will help developers to improve their productivity
- Learn the workloads and components of the new installation wizard and how to use the online and offline installer
- Build stunning Windows apps using Windows Presentation Foundation (WPF) and Universal Windows Platform (UWP) tools
- Get familiar with .NET Core and learn how to build apps targeting this new framework
- Explore everything about NuGet packages
- Debug and test your applications using Visual Studio 2017
- Accelerate cloud development with Microsoft Azure
- Integrate Visual Studio with most popular source control repositories, such as TFS and GitHub

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BIRMINGHAM - MUMBAI

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*I would like to thank my wife, Manika Paul Chowdhury, and my parents for their continuous support throughout the period while writing this book. I would also like to thank the publisher and reviewers for their valuable feedback.*

*Lastly, thanks to all my friends and colleagues who helped me to learn all that I have gathered over the years.*

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*As always, to my wife and kids. Thank you for your love and support.*



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