aws marketplace

Microsoft Visual Studio

Reviews, tips, and advice from real users
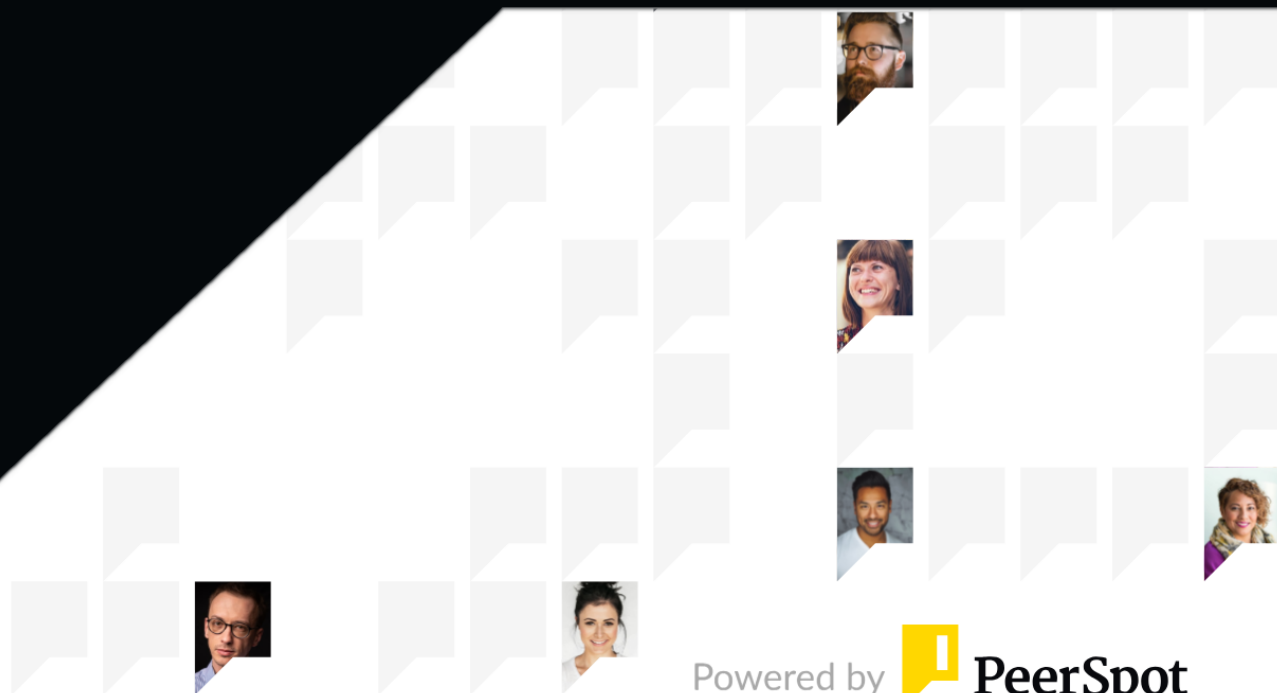
Contents

Product Recap

Microsoft Visual Studio

Microsoft Visual Studio Recap

Visual Studio.NET is the umbrella that represents the key pieces of the .NET platform delivered from Microsoft, including the .NET Framework, the recently announced .NET Core, and a shared common layer of packages, compilers and runtime. Read this .NET blog post about the evolution of the platform and the different pieces that make .NET 2015.

Valuable Features

Excerpts from real customer reviews on PeerSpot:

✔ "Microsoft Visual Studio is a must-have tool if you work in Windows environments."

Paco Velasco Reina

CTO at Open HealthCare

✔ "The code analysis tool is particularly valuable as it eliminates the need for manual code reviews."

Rajnish-Sharma

Senior technical project manager at net solutions

✔ "We have no issues with scaling."

Vishal Paliwal

Xamarin Developer at Cognizant

✔ "I like the product's connection with Azure analytics services and the ability to build the model on the cloud."

PawełPietrzak

Data engineer at Ernst & Young

✔ "The solution includes a debug function that I can breakpoint to easily detect what is wrong with my applications."

Micheale See
Senior Business System Developer at AVEVA

✔ "The most valuable features of Microsoft Visual Studio are the UI functionality where you can do software development. Everything is available there that you need. You can create the UI, and code, develop and compile it."

Nishan Timilsina
Mobile Engeneer at ServiceLlnk inc

✔ "We can use different .NET features."

Verified user
Software Engineer at Varian Medical Systems, Inc.

What users had to say about valuable features:

One valuable feature of Microsoft Visual Studio is its powerful debugger, which is the only feature I primarily use. Another significant advantage is the integration with Copilot and AI support. Additionally, the ease of integration with solutions is worth mentioning.

AlessandroCorona   Read full review ↗
Developer and Head of Application and Data Management Office at
Università degli Studi di Roma Tre

Microsoft Visual Studio is a very robust application. I can read and analyze logs in C#. It's friendly with JavaScript, TypeScript, and Java, making many deployments guided for different solutions possible. The .NET library, although very old, is a very robust application for deployment in cloud settings, being friendly for working with functions and logic apps, which are best used for deploying .NET services. Visual Studio offers a great debugging tool where I can debug quickly and resolve issues efficiently with specific solutions designed for strong debugging.

Jorge Palaia   Read full review ↗
Advisor Cloud Master Architecture Azure AWS (USA, UK, Argentina) at
cstechlab

A very valuable feature of Microsoft Visual Studio is the debugger, which is helpful for debugging applications line by line. Additionally, the integration with various services is easy, and with Copilot, it becomes easier to learn and understand Microsoft Visual Studio features. It has many useful features for development purposes. The features available in Microsoft Visual Studio are beneficial for making builds, deployments, and everything related to dot net projects with C#. This provides great efficiency in my work. We frequently handle dot net projects with C#, utilizing all sorts of features to facilitate building and deploying, which add significant value.

Rajnish-Sharma   Read full review ↗
Senior technical project manager at net solutions

Power Platform provides workflows and database functionality. The database application is very good. When creating an entity, based on that entity, you can create views and pages automatically based on the table. That is one good feature in Power Platform. It also supports customization features, though it takes some time to understand as there are many steps for customization. If any system exposes functionality using REST API, we can get the URL and environment details such as headers. In Microsoft Visual Studio, if a system exposes services, we can consume those services by getting their proper URL/URI and header information. If they have any authentication mechanism using tokens, we can utilize those in Microsoft Visual Studio to invoke and call the REST APIs provided by external systems.

Mohamed Aktharul Ameen   Read full review ↗
Software Developer Advisor at NTT DATA Services

"Microsoft Visual Studio's integration with Git and Team Foundation Server is the most valuable. We can work on branches, check work out, merge work in, and resolve conflicts with it, so those are all good features in Microsoft Visual Studio.

"I have used IntelliSense in Microsoft Visual Studio, and when you hover over a data type, you can see that you can get more information about it and its interface, which is a good feature.

"The debugging tools in Microsoft Visual Studio are very good at helping me pinpoint issues with precision.

"The Git integration in Microsoft Visual Studio is brilliant.

"The main benefits Microsoft Visual Studio provides include streamlining processes, and it's fairly intuitive, where most of what I need to do can be accessed from the dropdown menus. It takes a lot of the tricky part out because you've got it all there in an integrated development environment (IDE).."

Thomas Bradley   Read full review ↗
Software Engineer at BAE Systems

"Microsoft Visual Studio is an IDE, or integrated development environment, which enables users to set up their own dev environment to code and build websites and then host them. Through Microsoft Visual Studio, users can host to cloud services with one button or one fly server. It's essentially an environment for coding; it's an IDE.

"Microsoft Visual Studio is a robust Microsoft product. It is a very secure device and tool. It has numerous extensions and plugins available, and it's a cross-platform development tool, meaning development is possible for any other devices. It supports everything, provided you have the specific graphics for processing and a CPU with an intensive workload, a clock speed-based device.

"IntelliSense in Microsoft Visual Studio can sense automatically. It can identify syntax errors and declarations if there are mistakes. It's extremely helpful during coding. With IntelliSense, issues can be rectified on the fly, either before or after compiling.

"Microsoft Visual Studio's debugging tools are excellent and straightforward. Users can utilize a line-by-line debugging feature.

"The built-in Git integration for source control in Microsoft Visual Studio has a simple setup process. Users just need to provide the repo link and grant access. The integration is seamless and helpful, allowing for easy code pushing and pulling.

"Some of the most impactful plugins include static code analysis tools and GitHub Copilot. There are also JSON viewers, JSON parsers, and numerous third-party plugins available.

"The performance profiling tools in Microsoft Visual Studio are effective. Once an application is ready, it can be tested with performance profiling. Users can perform performance upgrades, check function calling processes, identify redundant elements, and determine if code-level changes are needed for better processing.."

Vivek Anandham Narayanan   Read full review ↗
Student at a media company with 501-1,000 employees

Other Solutions Considered

I have knowledge of NetBeans, an open-source solution, but it does not have the robustness of Microsoft Visual Studio which offers a Marketplace to create different add-ons.

Jorge Palaia

Advisor Cloud Master Architecture Azure AWS (USA, UK, Argentina) at cstechlab

Read full review ↗

"Having used various products at different companies, I must highlight that Microsoft's development technology, particularly in the realm of databases, has proven to be more intuitive and superior. It demonstrated a higher level of user-friendliness and efficiency.."

ahomar

Technical Team Lead at Bosla

Read full review ↗

"I didn't switch from another platform or vendor. That said, I combined something with Visual Studio Code. There are some plugins that only I can use in Visual Studio Code and the Visual Studio Code community is more active.."

Deni Herdian

Director at Herdian Informatika

Read full review ↗

"I had evaluated some other options. I chose to go with Microsoft since my organization's technology is based on Microsoft, which is why it is easier to work with Microsoft Visual Studio.."

Nandakumar Nagarajan
Senior Software Developer at a computer software company with 10,001+ employees

Read full review ↗

"Previously, we used Sublime for backend connectivity. We switched because Sublime is a basic and not a standard tool for companies. We can create only small projects using it. However, Microsoft Visual Studio is an open-source tool that offers a lot of technologies. With its help, we can develop applications in various languages, create Windows or iOS software, and even build console applications.."

Adeel Ahmed
Software engineer at Punjab Group

Read full review ↗

For .NET development, I haven't used any other tools besides Microsoft Visual Studio, but we have used third-party controls to display information, such as Telerik controls. We obtained the license and integrated Telerik controls into Microsoft Visual Studio to create data tables and combo boxes. The main competitors to .NET are OutSystems, low-code technologies, and Java.

Mohamed Aktharul Ameen   Read full review ⬈
Software Developer Advisor at NTT DATA Services

ROI

Real user quotes about their ROI:

Using Microsoft Visual Studio has saved me considerable time and effort during development. The savings are between twenty and fifty percent in terms of both time and money.

MuhammadShakeel
Senior System Engineer at Confiz Solutions

Read full review ↗

Our investment in Microsoft Visual Studio is affected by the economic conditions in Nigeria. We invest in developer certification, but pricing products in local currency can be challenging due to the initial investment in technology acquired in dollars.

Oluseyi Osifalujo
Executive Director at Precise Financial Systems Limited

Read full review ↗

The ROI depends on the contract I have with Microsoft. For example, in an Enterprise Agreement (ELA), Microsoft might provide free licenses for deployment. The ROI varies based on the company's agreements, and different subscription licenses are available like basic, standard, and business premium.

Jorge Palaia   Read full review ↗
Advisor Cloud Master Architecture Azure AWS (USA, UK, Argentina) at cstechlab

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The ROI involves a one-time payment. Once you have the license, the return depends upon how many projects you are acquiring and how many clients you have. If you develop three to four projects, you can achieve ROI within four or five months. With more projects, ROI can be covered within six months or one year based on your investment. After that, you will get more benefits. It is purely based on the projects in the pipeline.

Mohamed Aktharul Ameen   Read full review ↗
Software Developer Advisor at NTT DATA Services

Use Case

I develop applications and work at Roma Tre University. We develop applications ranging from student career management to employee and HR office functions.

AlessandroCorona   Read full review ↗
Developer and Head of Application and Data Management Office at
Università degli Studi di Roma Tre

I use Microsoft Visual Studio primarily for development. It has a code analyzer with various options to analyze the code that I have written. It provides intelligence for whatever language I am using and offers DevOps integrations.

Rajnish-Sharma   Read full review ↗
Senior technical project manager at net solutions

I am using Microsoft Visual Studio for development purposes for my different clients in the USA and other regions. I use it in developing applications, web applications, and mobile Android applications.

MuhammadShakeel   Read full review ↗
Senior System Engineer at Confiz Solutions

Recently, I have been working with the Power Platform, which is a Microsoft product. Currently, I am exploring and doing one project as well. Power Platform is looking promising, and it provides various features. It is very easy to learn Power Platform. Power Platform may only be applicable to small size to mid-size applications, so I think it will not be applicable to enterprise level applications.

Mohamed Aktharul Ameen   Read full review ↗
Software Developer Advisor at NTT DATA Services

"I use Microsoft Visual Studio occasionally. I prefer writing code directly on Notepad++, but when I need the IDE support, I use Microsoft Visual Studio for faster and better code development. It offers a good experience for individuals who are handy with IDEs.."

KamleshPant   Read full review ↗
Senior Software Architect at USEReady

I use Microsoft Visual Studio to deploy and migrate different solutions from monolithic to 100% cloud-native solutions in Azure. When I have a client-server solution that is very monolithic, I can perfectly migrate it to Azure to create backends in different Kubernetes environments and utilize modern frontend technologies like React for a more efficient solution in cloud platforms.

Jorge Palaia
Advisor Cloud Master Architecture Azure AWS (USA, UK, Argentina) at cstechlab

Read full review [↗]

Setup

The setup process involves configuring and preparing the product or service for use, which may include tasks such as installation, account creation, initial configuration, and troubleshooting any issues that may arise. Below you can find real user quotes about the setup process.

The initial setup of Microsoft Visual Studio is not complex. I have been using it for maybe 10 to 15 years and it is the most robust application software for deployment.

Jorge Palaia   Read full review [↗]

Advisor Cloud Master Architecture Azure AWS (USA, UK, Argentina) at cstechlab

The installation process was straightforward. You can simply download the software and use the Cloud Auto Installer to get all the required tools. One person can handle the installation process.

MuhammadShakeel   Read full review [↗]

Senior System Engineer at Confiz Solutions

"Microsoft Visual Studio's setup is straightforward. It is easy to download the solution and you need to allow permissions depending on whether you are a Mac or Windows user. ."

Verified user

Software Developer at a financial services firm with 1-10 employees

Microsoft Visual Studio provides entity framework which supports both code-based and database-first approaches. Based on these options, we can proceed with implementation. If you choose the database-first approach, all the tables from your SQL database and related components will be created as classes in your C# implementation.

Mohamed Aktharul Ameen

Software Developer Advisor at NTT DATA Services

"The initial setup is straightforward. Simply download the controller and proceed with the installation, selecting the desired options for a new environment and clicking through the prompts. I would rate it nine out of ten.."

ahomar

Technical Team Lead at Bosla

"The setup process is straightforward, the only thing is the downloadable file is a bit large in size. The deployment process is quite simple.

You just need to download the file, double-check it, have an administrator, and you're good to go. It takes approximately 20 minutes to complete the setup.."

Verified user

Architect at a computer software company with 501-1,000 employees

Read full review ↗

Customer Service and Support

I am facing some problems with technical support. I'm working with a client account, and I'm not able to create a support ticket for some issues. Previously, I used to create a ticket on the Azure portal and get help from the support team, but now it's not working as it used to.

Rajnish-Sharma
Senior technical project manager at net solutions

Read full review ↗

I think the support could be better because the documentation and other resources, such as videos, are too numerous, making it hard to find the correct one. AI support could be a good addition.

CharlesChang
Department Manager, Certification Project Management at Institute for Information Industry

Read full review ↗

Microsoft's support is very strong, with good resources available when creating support tickets. They respond quickly and have professional resources for resolving different software or deployment issues. A very big library is available at dev.microsoft.com with many solutions for investigation.

Jorge Palaia
Advisor Cloud Master Architecture Azure AWS (USA, UK, Argentina) at cstechlab

Read full review ↗

When Microsoft shifted their service to regions like China and India, the support team there was not professional and lacked adequate knowledge. Creating multiple support tickets was required to get a proper response. In contrast, the Microsoft team provided appropriate guidance.

MuhammadShakeel   Read full review ↗
Senior System Engineer at Confiz Solutions

In the frontend, we need to download Microsoft Visual Studio, which is available in different versions including community editions and professional editions. You can download any edition of the latest version. Once downloaded, you need to provide login credentials and set up the code. They will provide the link from wherever your code is located, and you have to clone it.

Mohamed Aktharul Ameen   Read full review ↗
Software Developer Advisor at NTT DATA Services

"I have had some experience with tech support from Microsoft, and I would rate them a seven, although I haven't had to really use any desk support from them.

"I would rate tech support from Microsoft an eight, as I'm sure they're good, but we just haven't had to deal with them that much.."

Thomas Bradley   Read full review ↗
Software Engineer at BAE Systems

Other Advice

If AI can help expedite tasks, that would be helpful because now AI is going everywhere. I'd rate my overall experience with Microsoft Visual Studio at eight to nine points.

Rajnish-Sharma   Read full review ↗
Senior technical project manager at net solutions

I am searching for an enterprise service bus product, so if Microsoft Visual Studio could have a plugin or an extension in this direction, it would be great. I rate my overall experience with Microsoft Visual Studio as nine out of ten.

AlessandroCorona   Read full review ↗
Developer and Head of Application and Data Management Office at
Università degli Studi di Roma Tre

Prospective users should know that it's very easy to set up and use Microsoft Visual Studio, ensuring a good user experience. I would rate my overall experience with Microsoft Visual Studio a ten.

Jaya Prakasha Sarma   Read full review ↗
Practice Head BI at Nous Infosystems

I recommend Microsoft Visual Studio for different clouds as it can integrate with AWS, GCP, Huawei, and Red Hat OpenShift due to its add-ons. I rate Microsoft

Visual Studio a nine out of ten. Despite rating it a nine, all features align well with my personal experience, reflecting no dissatisfaction on my part.

Jorge Palaia
Advisor Cloud Master Architecture Azure AWS (USA, UK, Argentina) at cstechlab

"The stability of Microsoft Visual Studio is excellent, deserving a rating of 10.

"Microsoft Visual Studio is the best tool that we've got currently, and I don't have any complaints about it. I give it a final rating of 10 out of 10.."

Thomas Bradley
Software Engineer at BAE Systems

Debugging tools are very important. In Microsoft Visual Studio, we can use debugging by placing debug points where we need to execute particular functions or code. When you run the application, Microsoft Visual Studio automatically triggers the debugging point. From there, you can check the particular code in the below window where you can see all values, variables, and written statements. You can track everything. Microsoft Visual Studio provides detailed debugging options to see how the application flows with calling functions and working functions. You can identify exactly where data is not loading and what errors are occurring. This information helps resolve issues quickly. Microsoft Visual Studio provides comprehensive development capabilities. You can create any type of application, including mobile applications, console applications, Windows applications, WPF, ASP.NET MVC, and .NET Core. It provides many benefits and can create reusable components. During coding, it provides intelligence features that automatically identify issues. It is very user-friendly and helps avoid coding errors.
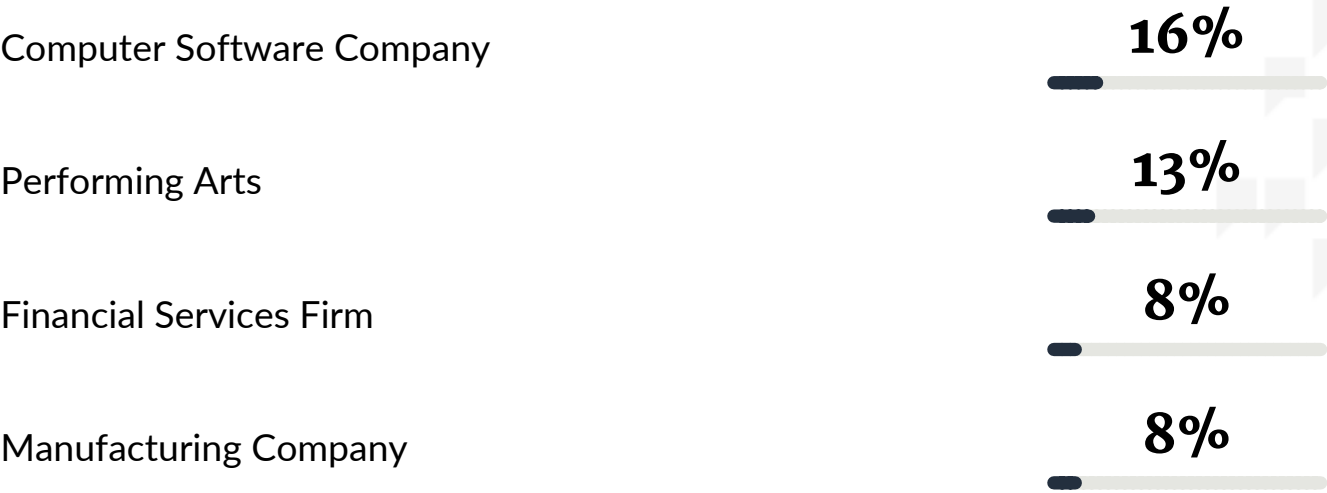
Mohamed Aktharul Ameen
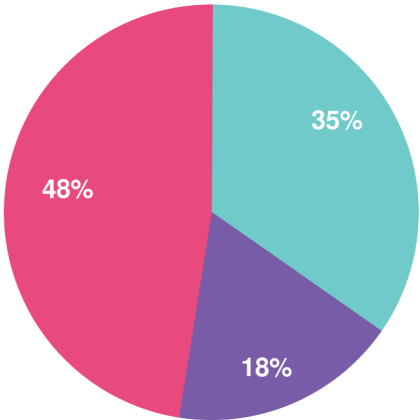Software Developer Advisor at NTT DATA Services

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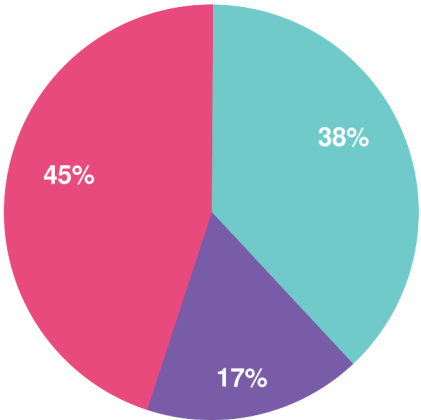
Top Industries
by visitors reading reviews

Computer Software Company **16%**

Performing Arts **13%**

Financial Services Firm **8%**

Manufacturing Company **8%**

Company Size
by reviewers

35%
18%
48%

by visitors reading reviews

38%
17%
45%

● Large Enterprise ● Midsize Enterprise ● Small Business

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