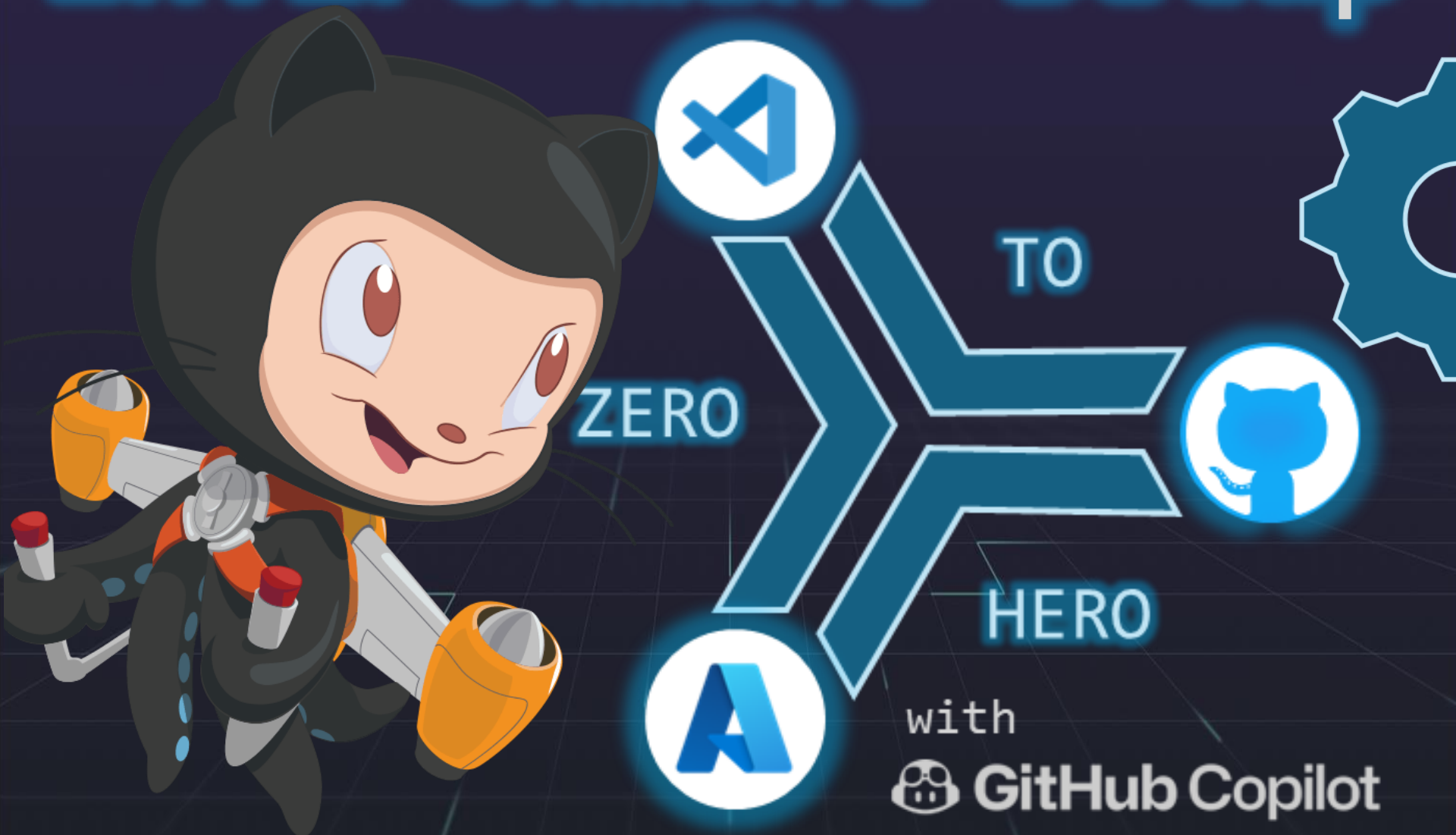


Environment Setup



aka.ms/zero2hero

Please note that the views expressed in this doc are just my own

 github.com/vieiraae

 linkedin.com/in/vieira

Let's get started?

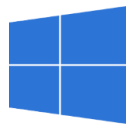


1

Install VS Code

Download Visual Studio Code

Free and built on open source. Integrated Git, debugging and extensions.



↓ Windows

Windows 8, 10, 11

User Installer	x64	x86	Arm64
System Installer	x64	x86	Arm64
.zip	x64	x86	Arm64
CLI	x64	x86	Arm64



↓ .deb

Debian, Ubuntu

↓ .rpm

Red Hat, Fedora, SUSE

.deb	x64	Arm32	Arm64
.rpm	x64	Arm32	Arm64
.tar.gz	x64	Arm32	Arm64
Snap	Snap Store		
CLI	x64	Arm32	Arm64



↓ Mac

macOS 10.11+

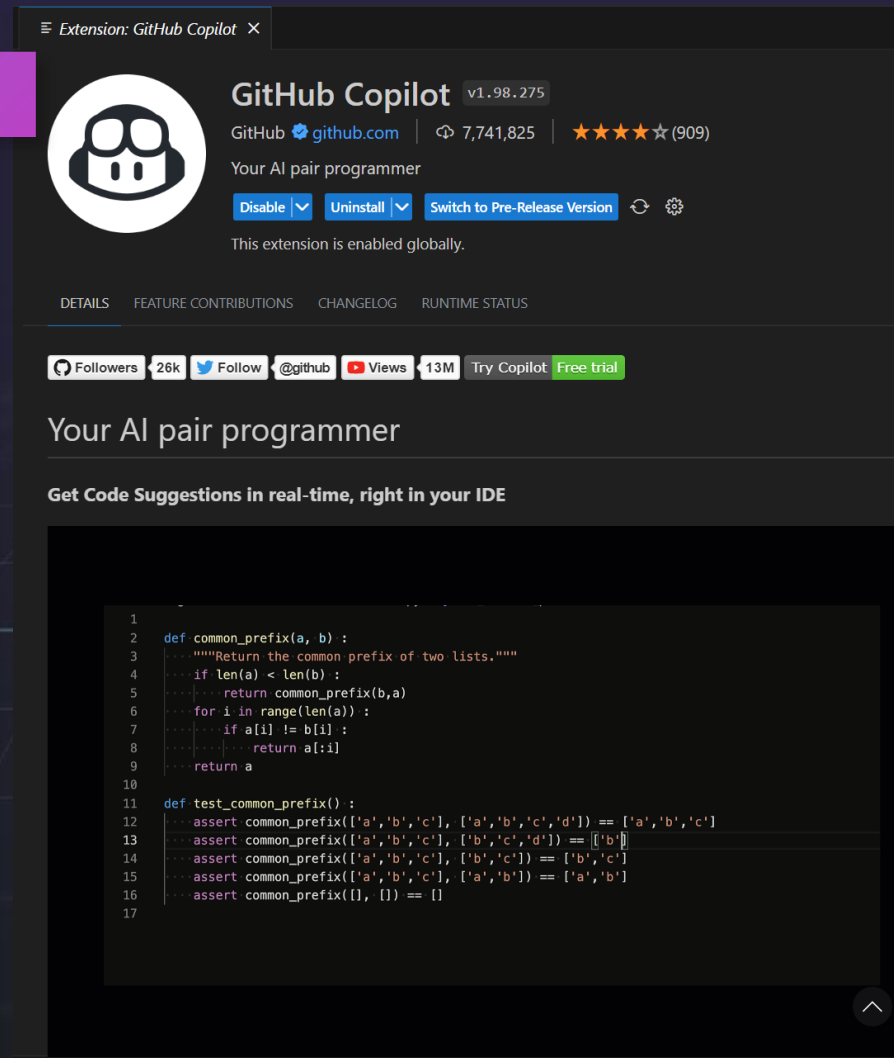
.zip	Intel chip	Apple silicon	Universal
CLI	Intel chip	Apple silicon	




<https://code.visualstudio.com/download>

2

Install GitHub Copilot extension





Extension: GitHub Copilot X

 **GitHub Copilot** v1.98.275

GitHub github.com | 7,741,825 | ★★★★★ (909)

Your AI pair programmer

[Disable](#) [Uninstall](#) [Switch to Pre-Release Version](#)  

This extension is enabled globally.

[DETAILS](#) [FEATURE CONTRIBUTIONS](#) [CHANGELOG](#) [RUNTIME STATUS](#)

[Followers](#) 26k [Follow](#) [@github](#) [Views](#) 13M [Try Copilot](#) [Free trial](#)

Your AI pair programmer

Get Code Suggestions in real-time, right in your IDE

```
1
2 def common_prefix(a, b):
3     """Return the common prefix of two lists."""
4     if len(a) < len(b):
5         return common_prefix(b,a)
6     for i in range(len(a)):
7         if a[i] != b[i]:
8             return a[:i]
9     return a
10
11 def test_common_prefix():
12     assert common_prefix(['a','b','c'], ['a','b','c','d']) == ['a','b','c']
13     assert common_prefix(['a','b','c'], ['b','c','d']) == ['b']
14     assert common_prefix(['a','b','c'], ['b','c']) == ['b','c']
15     assert common_prefix(['a','b','c'], ['a','b']) == ['a','b']
16     assert common_prefix([], []) == []
17
```



3

Activate GitHub Copilot

Your AI pair programmer

GitHub Copilot uses the OpenAI Codex to suggest code and entire functions in real-time, right from your editor.

Start my free trial >

Compare plans

```
sentiments.ts write_sql.go parse_expenses.py addresses.rb

1 #!/usr/bin/env ts-node
2
3 import { fetch } from "fetch-h2";
4
5 // Determine whether the sentiment of text is positive
6 // Use a web service
7 async function isPositive(text: string): Promise<boolean> {
8   const response = await fetch("http://text-processing.com/api/sentiment/", {
9     method: "POST",
10    body: `text=${text}`,
11    headers: {
12      "Content-Type": "application/x-www-form-urlencoded",
13    },
14  });
15  const json = await response.json();
16  return json.label === "pos";
17 }
```

Copilot

<https://github.com/settings/copilot>



4

Join the GitHub Copilot Chat waitlist




GitHub Copilot Chat is currently in limited public beta for organizations and enterprises with a GitHub Copilot for Business subscription, and is subject to changes.

If you have a GitHub Copilot for Individuals subscription, you can still join the [waitlist to participate in the limited public beta](https://github.com/github-copilot/chat_waitlist_signup/join). You will be notified by email when you are accepted into the beta program. Joining the waitlist does not guarantee access.




https://github.com/github-copilot/chat_waitlist_signup/join



5 Install GitHub Copilot Chat extension



GitHub Copilot Chat

GitHub  github.com | 533,419 | ★★★★★ (37)

AI chat features powered by Copilot

[Disable](#) [Uninstall](#) [Switch to Pre-Release Version](#)  

This extension is enabled globally.

[DETAILS](#) [FEATURE CONTRIBUTIONS](#) [EXTENSION PACK](#) [RUNTIME STATUS](#)

GitHub Copilot Chat

GitHub Copilot Chat is a companion extension to [GitHub Copilot](#) that houses preview Chat features. To learn more about GitHub Copilot Chat, [read our post](#).

Requirements

Accept the [GitHub Copilot chat preview terms](#) and review the [transparency note](#) to understand about usage, limitations and ways to improve Copilot Chat during the technical preview.

⚠ **Check each requirement if Copilot Chat doesn't work:**

1. Install/update the latest [Visual Studio Code](#) (Command Palette: Code: [Check for Updates](#)).
2. Install/update the latest [GitHub Copilot](#).
3. Your **GitHub account that is signed into VS Code** must be both:
 1. Activated **Copilot subscription** (check your [subscription](#)) and
 2. Accepted to **GitHub Copilot chat private beta** (join the [waitlist](#)).


Get Started

Learn Copilot Chat in less than 4 minutes with our [quickstart video](#) or read VS Code's [Copilot Chat documentation](#).










6



Install Azure Tools extension



Azure Tools v1.2.0

Microsoft  [microsoft.com](#) |  868,292 |      (11)

Get web site hosting, SQL and MongoDB data, Docker Containers, Serverless Functions and more, all on Azure, all from VS Cod...




[Disable](#) [Uninstall](#)  




This extension is enabled globally.




DETAILS

RUNTIME STATUS

Extension Pack (8)

**Azure App Service**
An Azure App Service management extensio...
 Microsoft 

**Azure Static Web Apps** 424ms
An Azure Static Web Apps extension for Visu...
 Microsoft 

**Azure Functions**
An Azure Functions extension for Visual Stud...
 Microsoft 

Categories

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Extension Resources



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[Microsoft](#)

More Info


Published	11/3/2017, 00:04:06
Last released	4/21/2023, 22:20:06
Last updated	4/22/2023, 00:50:56
Identifier	ms-vscode.vscod... node-azure-pack



Azure Tools for Visual Studio Code

Microsoft Azure support for Visual Studio Code is provided through a rich set of extensions that make it easy to discover and interact with the cloud services that power your applications.








AZURE

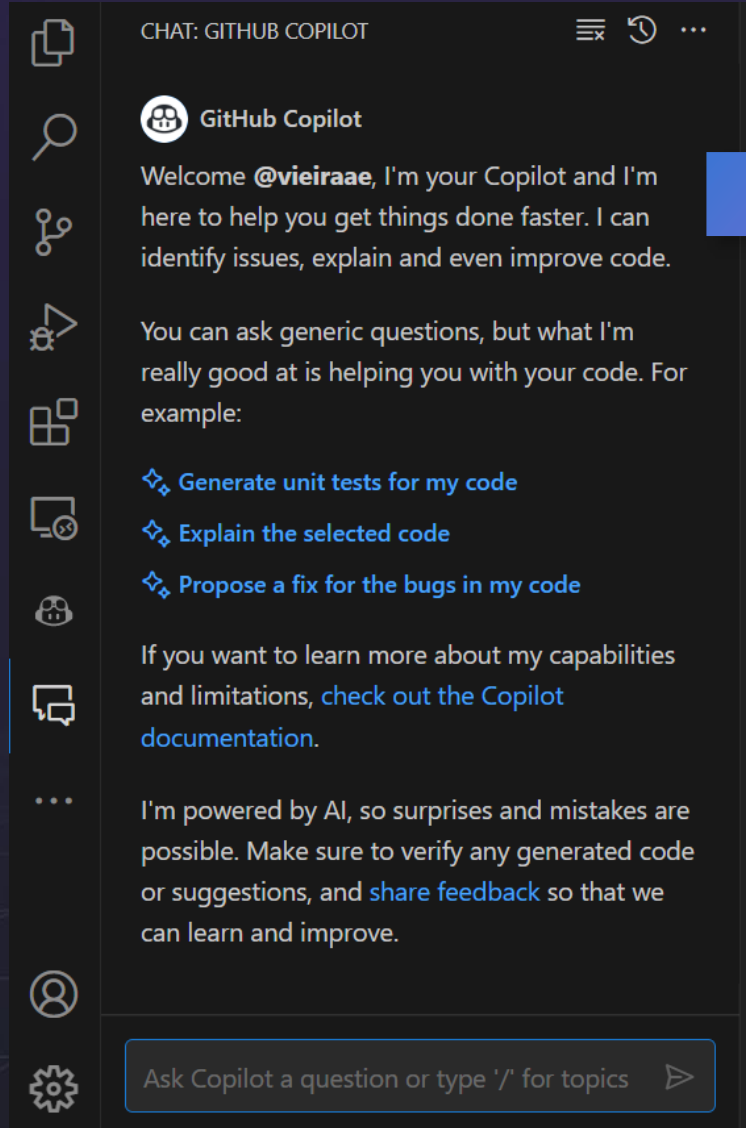
 **RESOURCES** Remote

  VS Code Demos

...





7 Open the GitHub Copilot Chat view and start prompting!





Open terminal



GitHub Copilot

Hi @vieraee, how can I help you?

I'm powered by AI, so surprises and mistakes are possible. Make sure to verify any generated code or suggestions, and [share feedback](#) so that we can learn and improve.



User

/vscode open terminal

- 💡 The prompt intent should be precise, short, and specific
- 💡 Start with "/" in the prompt to get access to a list of topics



GitHub Copilot

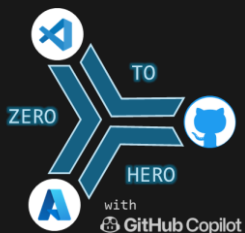
You can open a terminal in Visual Studio Code by using the following methods:

1. Press **Ctrl + Shift +** to open a new terminal.
2. Click on "Terminal" in the top menu bar and select "New Terminal".
3. Click on the plus icon in the terminal panel and select "New Terminal".

Let me know if you need any further assistance.

Show "Terminal: Create New Terminal"

Show "Terminal: Focus Terminal"



9

Install Azure CLI



User

Install Azure CLI



GitHub Copilot

Sure, here's how you can install Azure CLI:

1. Open Visual Studio Code.
2. Open the terminal in Visual Studio Code by clicking on "Terminal" in the top menu bar and selecting "New Terminal".
3. Run the following command to download and install the Azure CLI:

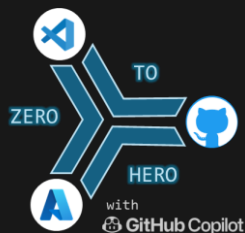
```
curl -sL https://aka.ms/InstallAzureCLIDeb | sudo bash
```

This command downloads and runs a script that installs the Azure CLI on your system.

4. Once the installation is complete, you can verify that the Azure CLI is installed by running the following command:

```
az --version
```

This command should output the version number of the Azure CLI.



aka.ms/zero2hero



Thumbs up to
pump for more

