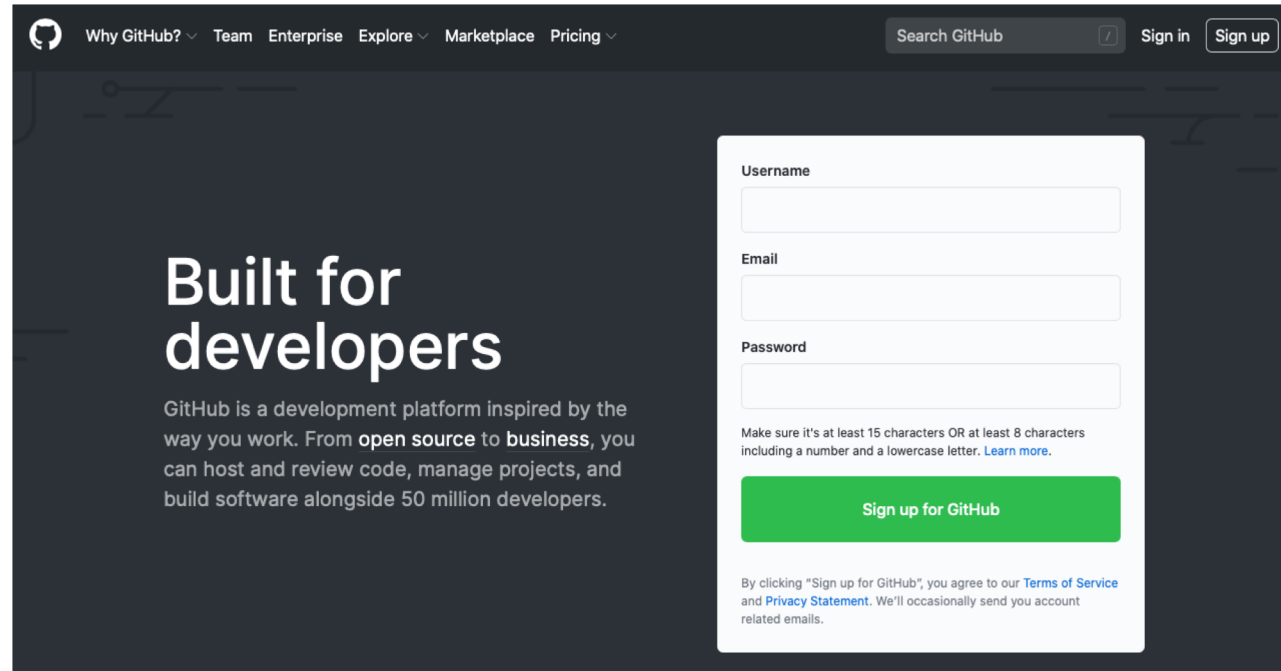# GitHub and GitHub Actions for Azure Fundamentals 101

What is Git ?

- ❑ Git is an open-source version control system that was started by Linus Torvalds - who created Linux as well

- ❑ Version control systems keep the app revisions straight, storing the modifications in a repository

Git

- ❑ Git is the preferred version control system of most developers, since it has multiple advantages over the other systems available

Microsoft Azure Fundamentals

What is GitHub ?

- ☐ Git is a command-line tool, GitHub is a website – GUI

- ☐ Repository ("repo") - location where all the files for a particular project are stored – access by URL

Microsoft Azure Fundamentals

GitHub Actions for Azure Overview

- ❑ GitHub & Azure - build and deploy apps

- ❑ GitHub Actions enables you to create custom software development life cycle (SDLC) workflows directly in your GitHub repository

- ❑ With GitHub Actions you can build end-to-end continuous integration (CI) and continuous deployment (CD) capabilities directly in your repository (CI/CD)

- ❑ Further learning: https://docs.github.com/en/actions

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Thank you