Accelerate Developer Productivity with Al

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Software is hard especially for public sector



Complex integrations

Software development is changing

Three trends stand out: AI, platform engineering, and security



Generative AI will significantly alter 70% of the design and development effort for new apps



94% of organizations say platform engineering helps to better realize DevOps benefits

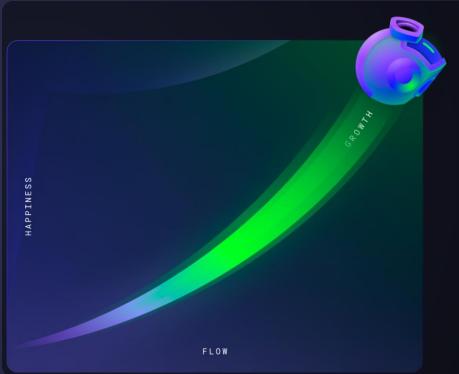


\$1.7 million saved by organizations with high DevSecOps adoption

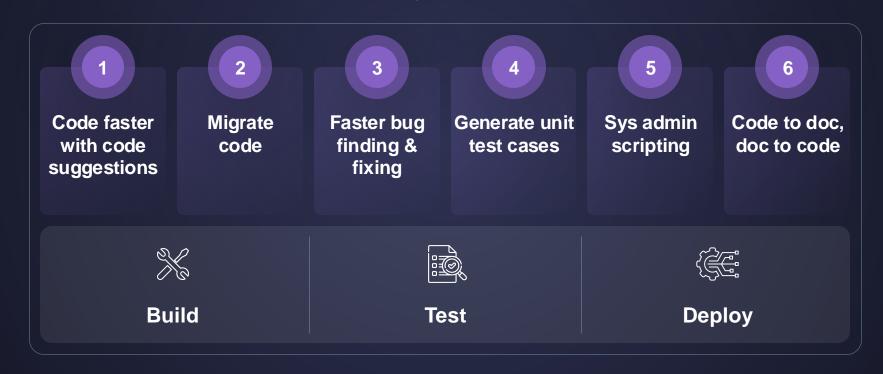
Source 1: Gartner: Top Strategic Technology Trends for 2024 Source 2: Puppet 2023 Source 3: IBM 2023

Al is transforming the developer experience

A McKinsey study found that equipping developers to be their most productive also significantly improves the developer experience, and developers using generative AI-based tools were more than twice as likely to report overall happiness, fulfillment, and a state of flow.



Al helps across the entire software development lifecycle



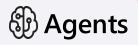
What is a copilot? What is an agent?



Human augmentation

Works as your personal assistant

There are only as many Copilots as there are people



Expert systems that can work autonomously

Works on behalf of a process or agency

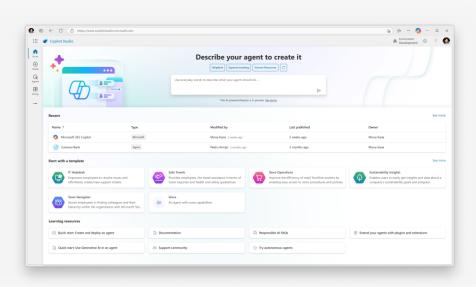
There are more agents than people

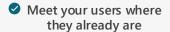
Al tooling spectrum

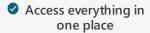




Copilot Studio is the solution to build agents that extend Microsoft 365 Copilot or operate standalone.



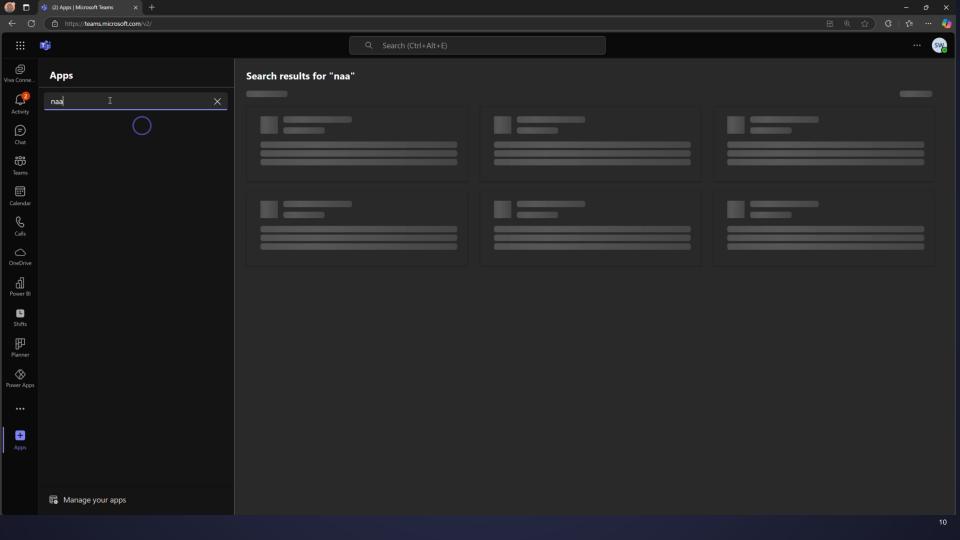




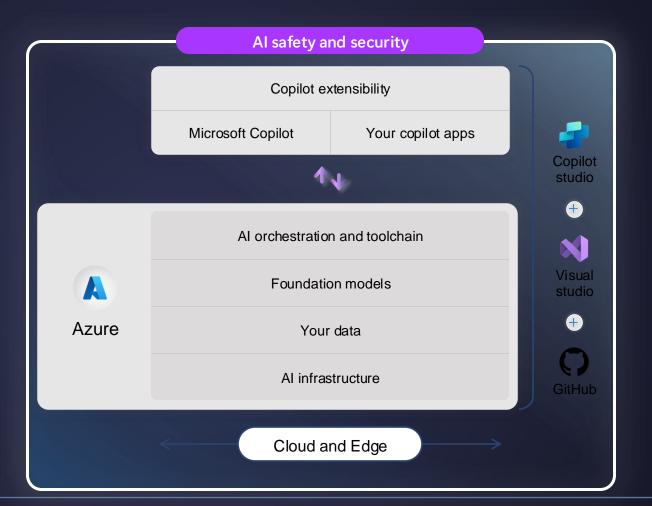




Connect to your data in Microsoft 365



Copilot Stack



Generative Al makes apps truly intelligent

Paradigm

shift



Current apps

Constrained interactions

Hard-coded and fixed data sets

Change is costly and complex



Intelligent apps

Natural language interaction

Data-driven, personalized experiences that improve over time

Quickly deliver new features



Powered by Al



Copilot enables faster coding by 55%

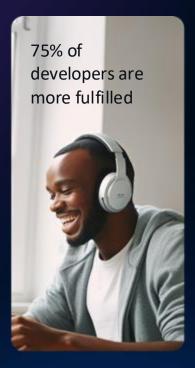




70,000+ businesses have used it ✓ suggestions
 ♦ Loading suggestions...

| Nek is question here: Select code for contex

46% of code is written with the help of Copilot



More than 1.5M developers





The Copilot effect.

The world's most widely adopted AI developer tool.

Maximize developer happiness

Increase developer productivity

Accelerate software development

accenture

A 6-month study of 450 Accenture developers on the impact of GitHub Copilot



Activity

94%

Reported staying in the flow

90%

Spent less time looking for information



Productivity

90%

Reported writing better code

88%

Of the code suggested by Copilot retained



Efficiency



Satisfaction

50%

More builds

84%

Increased in successful builds

96%

Successful on day one

90%

More fulfilled

Why AI? Improving developer experience drives mission outcomes







Source: Microsoft, 2024

Engage | Explore | Enjoy :)