



Azure Dev Day



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# DevOps with GitHub

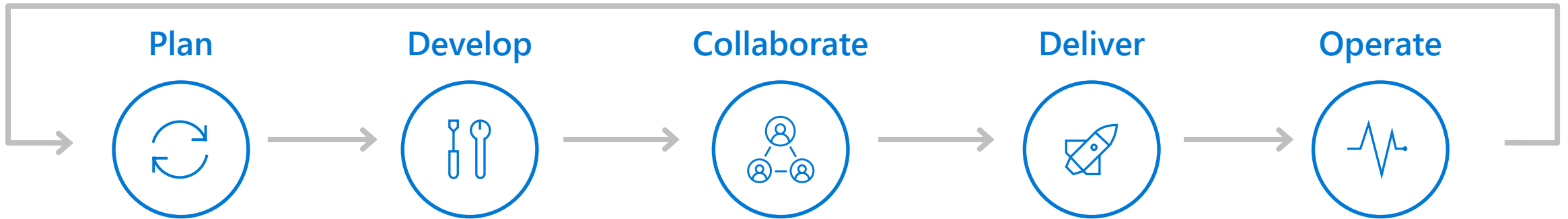
Making the DevOps easier, faster, and more cost-effective with Azure and GitHub.



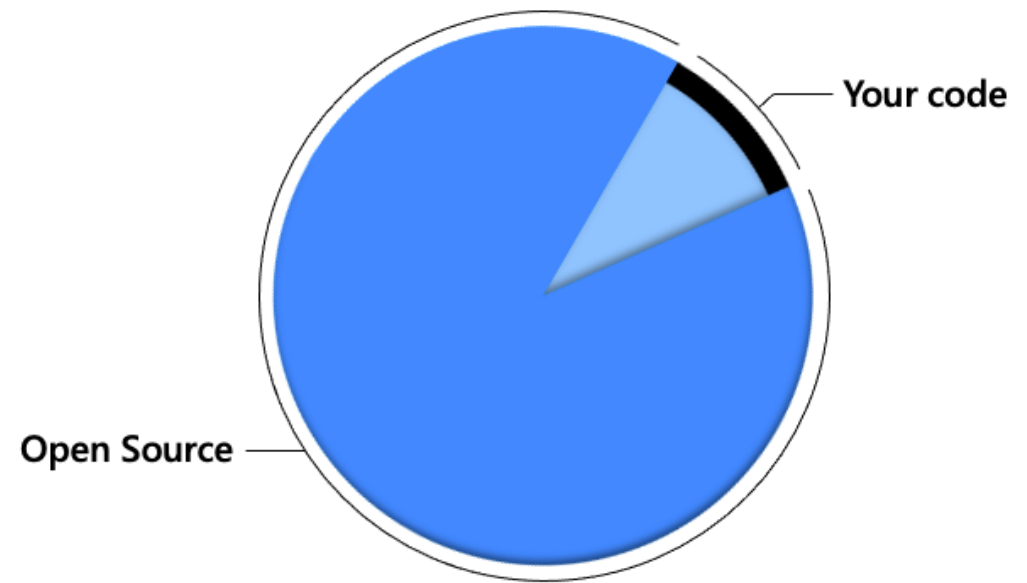
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# DevOps Phases



Modern enterprise applications

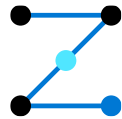


# Innersource with GitHub

Enabling open source culture and best practices inside your organization



Increased collaboration



Breaking silos



Higher developer satisfaction

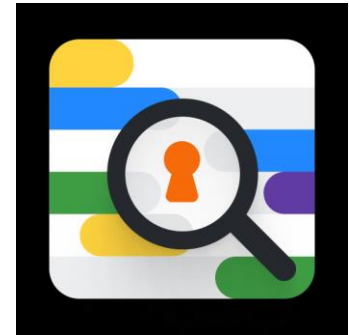
# Secure the software lifecycle with GitHub



Dependency updates



Code scanning



Secret scanning

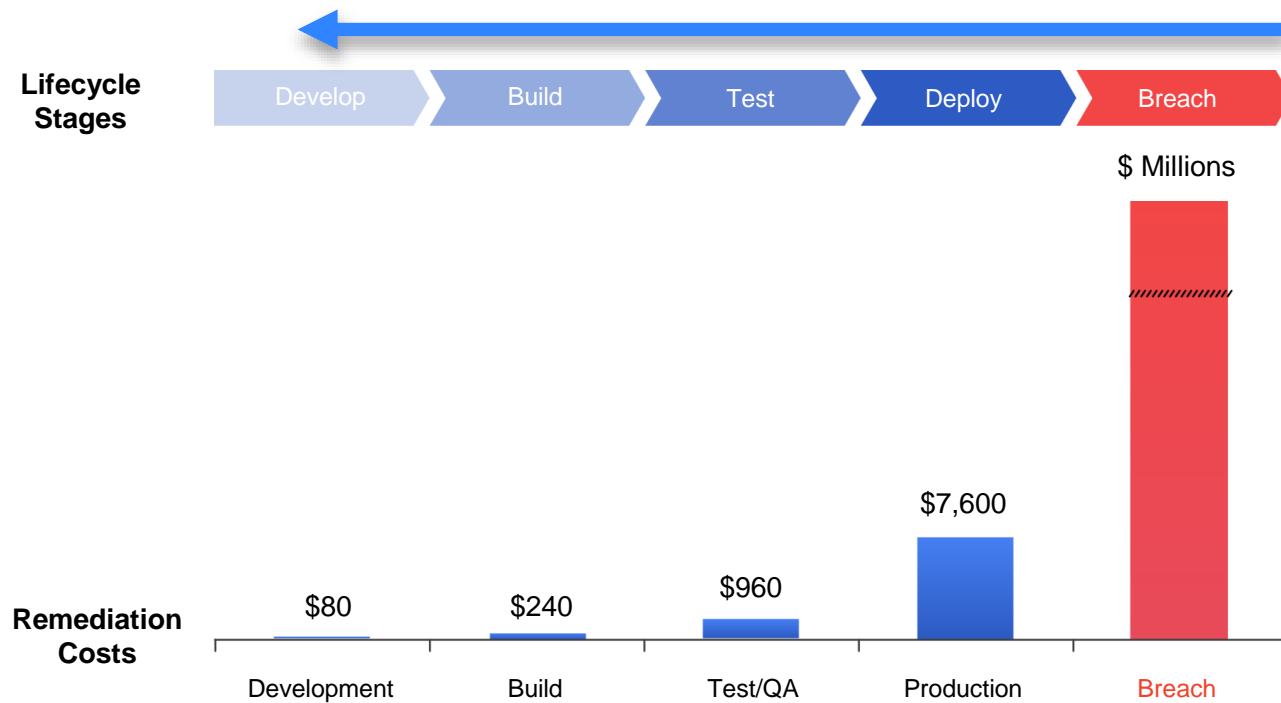
Included / GitHub Enterprise  
Cloud

GitHub Advanced Security (GHAS)

# Shift security left

Application flaws: #1 attack vector for breaches

Remediate during development







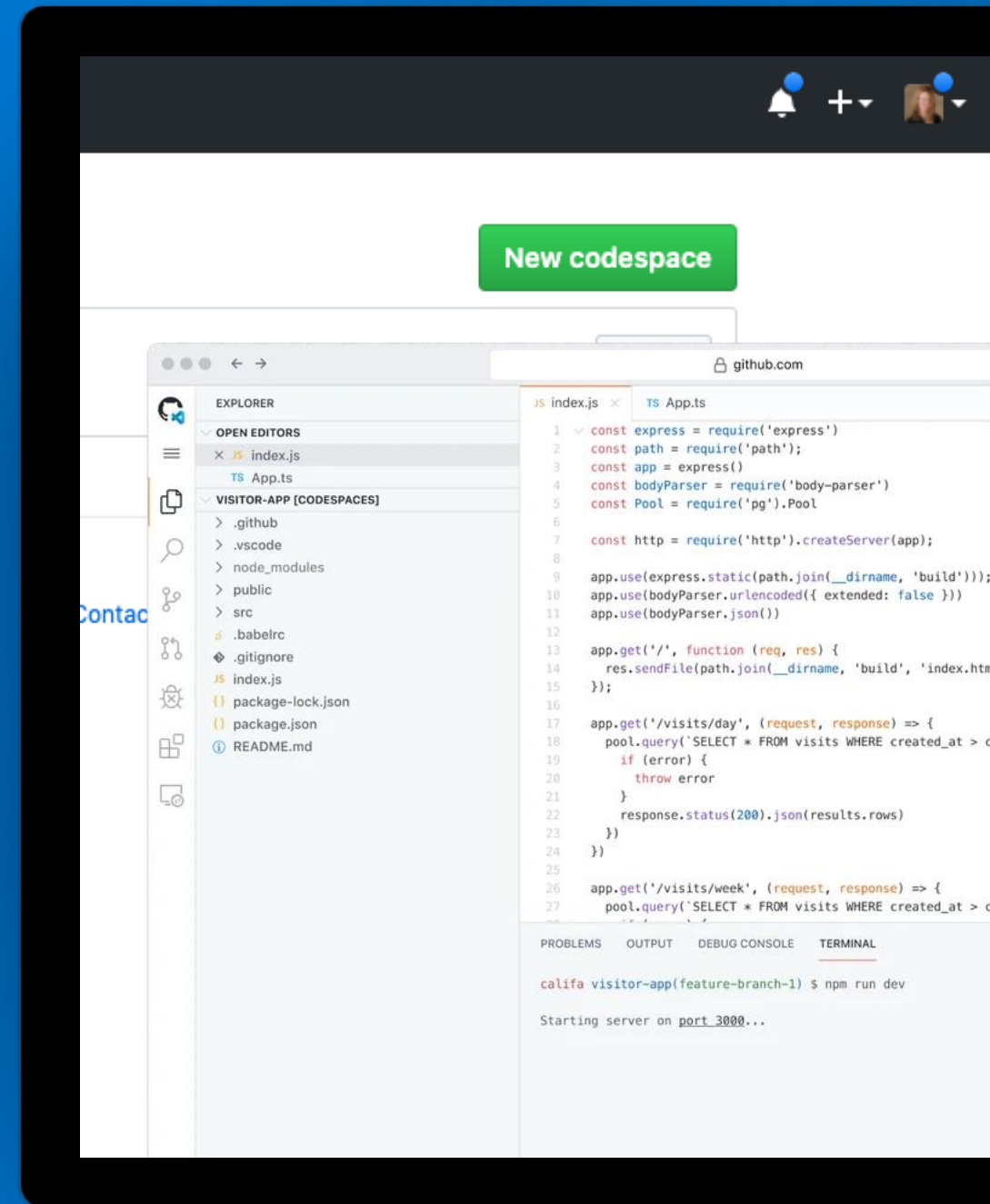
Other features



# GitHub Codespaces

Your instant dev environment

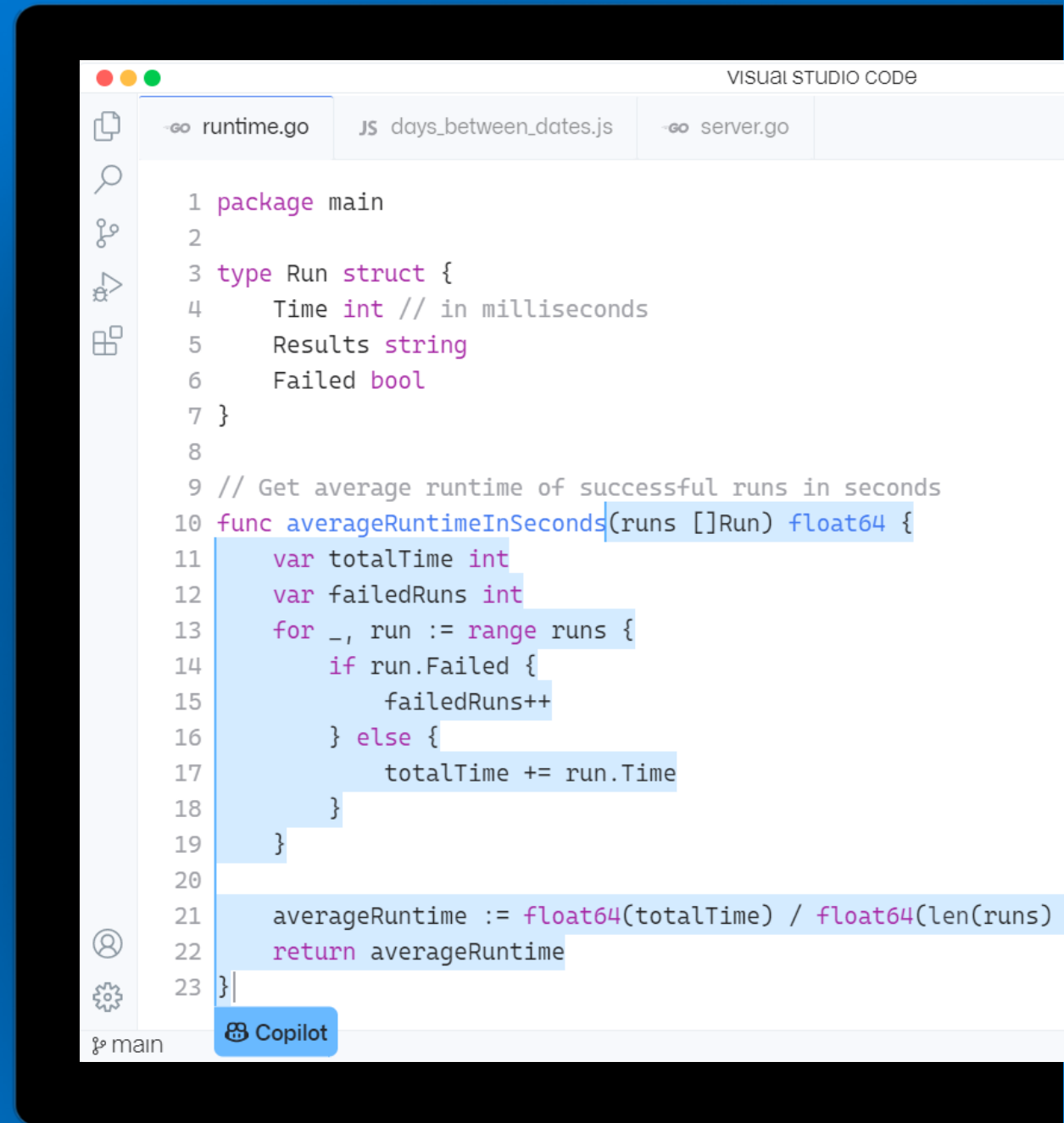
<https://github.com/Features/Codespaces>



# GitHub Copilot

Your AI pair programmer

[Introducing GitHub Copilot: your AI pair programmer](#)





# Planning


Introducing the new GitHub Projects


[Introducing the new GitHub Issues | The GitHub Blog](#)
























# OctoArcade Invaders


The Plan


Game loop Backlog


Standup


New view

Title	Team	Status
<div> <div>▼</div> <div>Prototype  3</div> </div>		
1  Game brief and go-no-go	Producers 	Completed
2  Engine prototype (physics, rendering)	Engine 	Completed
3  Initial concept art	Art 	Completed
<div> <div>+</div> Add item </div>		
<div> <div>▼</div> <div>Beta  5</div> </div>		
4  Integrate with Leaderboard Service	Game Loop 	Not Started
5  Creative design update to aliens for variety	Art 	Planning
6  Updates to alien, beam, and cannon sprites	Art 	Building
7  Update to collision logic	Engine 	Building
8  Improve alien respawn rate	Game Loop 	Behind
<div> <div>+</div> Add item </div>		
<div> <div>▼</div> <div>Launch  6</div> </div>		
9  Interviews with media outlets	Producers 	Not Started
10  Save score across levels	Game Loop 	Not Started

# What Does this Mean for Azure DevOps?

Microsoft is fully committed to Azure DevOps

Strategic investments in GitHub

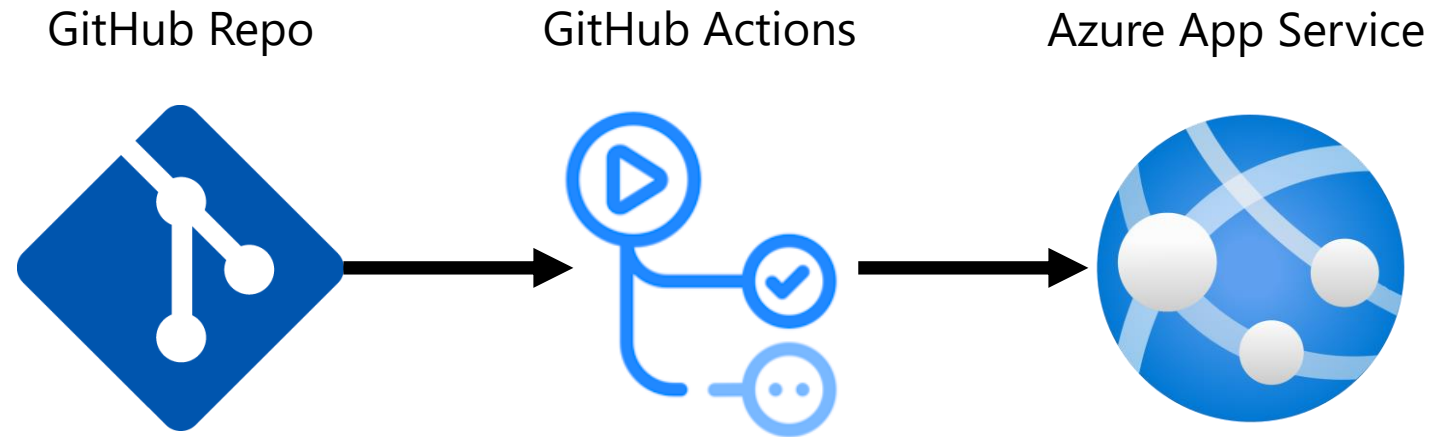
Our commitments to you

- Integration between GitHub Enterprise and Azure DevOps services
- Integration between GitHub and Azure
- Make it easier to acquire both products together
- Comprehensive set of tools to move to GitHub

# DevOps Lab



Azure Dev Day



<https://aka.ms/azuredevdaylabs>

# Thank you!

Please fill out the Azure Dev Day Survey!

[aka.ms/azuredevdaysurvey](https://aka.ms/azuredevdaysurvey)

And visit our event content page to access lab materials, presentations and participate in our Cloud Skills Challenge!

[aka.ms/azuredevdaycontent](https://aka.ms/azuredevdaycontent)



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**Get notified** about events—from local hacks, workshops, and training sessions to virtual meetups and global conferences.

**Learn what you want**, when you want, how you want. Resources include in-person hands-on workshops, free, interactive online training and sandbox environments.





Resources to Learn More

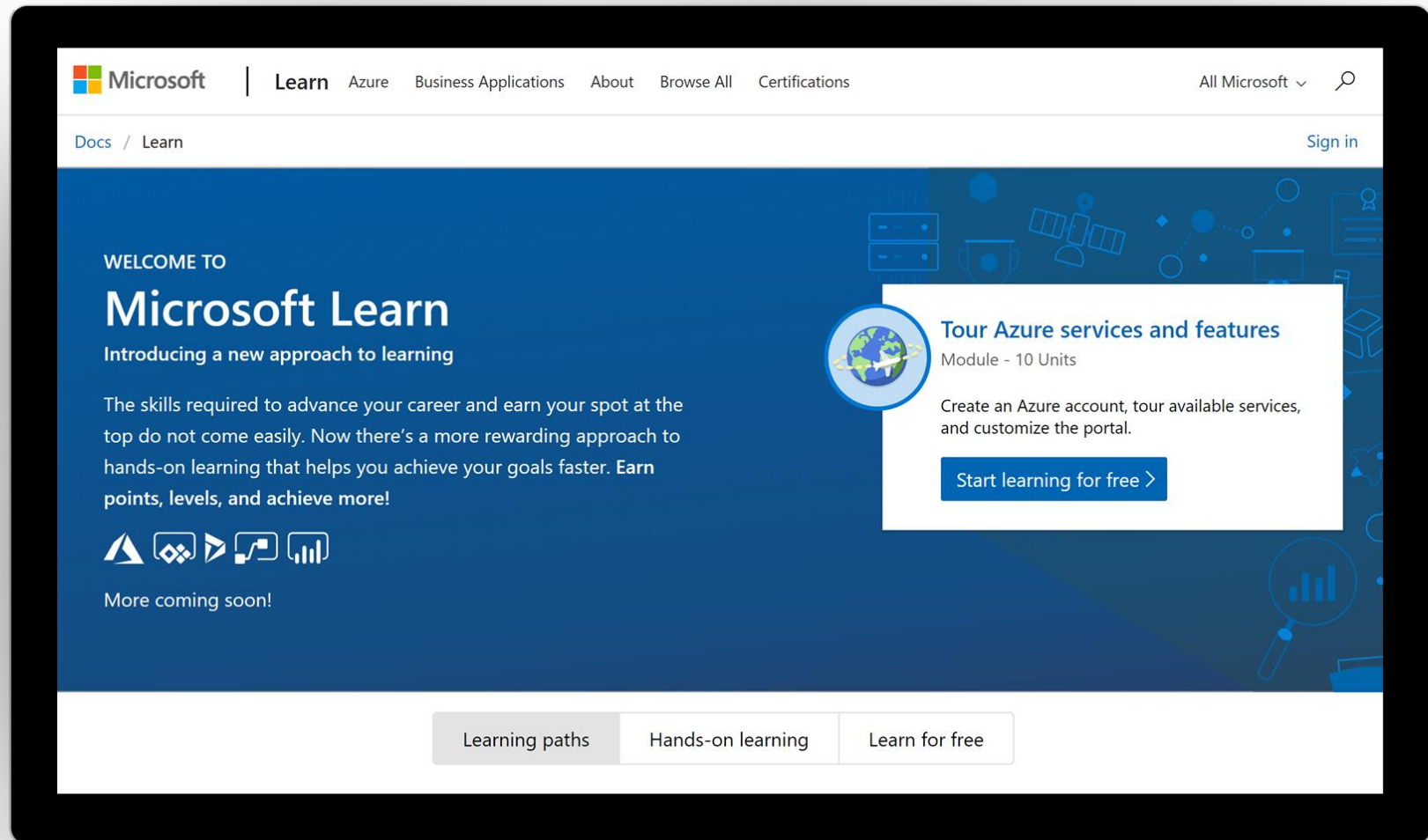


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- Interactive coding environments for hands-on experience
- Earn achievements and recognition for your Azure skills
- For many modules we provide free Azure sandboxes, free virtual machines, etc. so there is nothing to setup ahead of time

→ <http://docs.Microsoft.com/Learn/>



# GitHub Learning Lab

Grow your skills by completing fun, realistic projects. Get advice and helpful feedback from our friendly Learning Lab bot.

- Hands-on lessons created by the GitHub community and taught by the Learning Lab bot.
- Learn new skills while working in your own copy of a real project.
- Our friendly bot provides instructions and feedback throughout your journey.
- Real workflow - Everything happens in GitHub Issues and Pull Requests.

→ <https://lab.github.com/>

