

What is GitHub? why should I use it?

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The image displays two screenshots of professional certification dashboards. On the left, the Alpine Learning Solutions dashboard shows four active AWS certifications: AWS Certified Solutions Architect - Professional, AWS Certified Security - Specialty, AWS Certified DevOps Engineer - Professional, and AWS Certified Solutions Architect - Associate. On the right, the Microsoft Learn dashboard shows four active Microsoft certifications: Microsoft Certified: DevOps Engineer Expert, Microsoft Certified: Azure Solutions Architect Expert, Microsoft Certified: Azure Administrator Associate, and Microsoft Certified: Azure Fundamentals.





Where the world builds software

Millions of developers and companies build, ship, and maintain their software on GitHub—the largest and most advanced development platform in the world.

73+ million
Developers

4+ million
Organizations

200+ million
Repositories

84%
Fortune 100



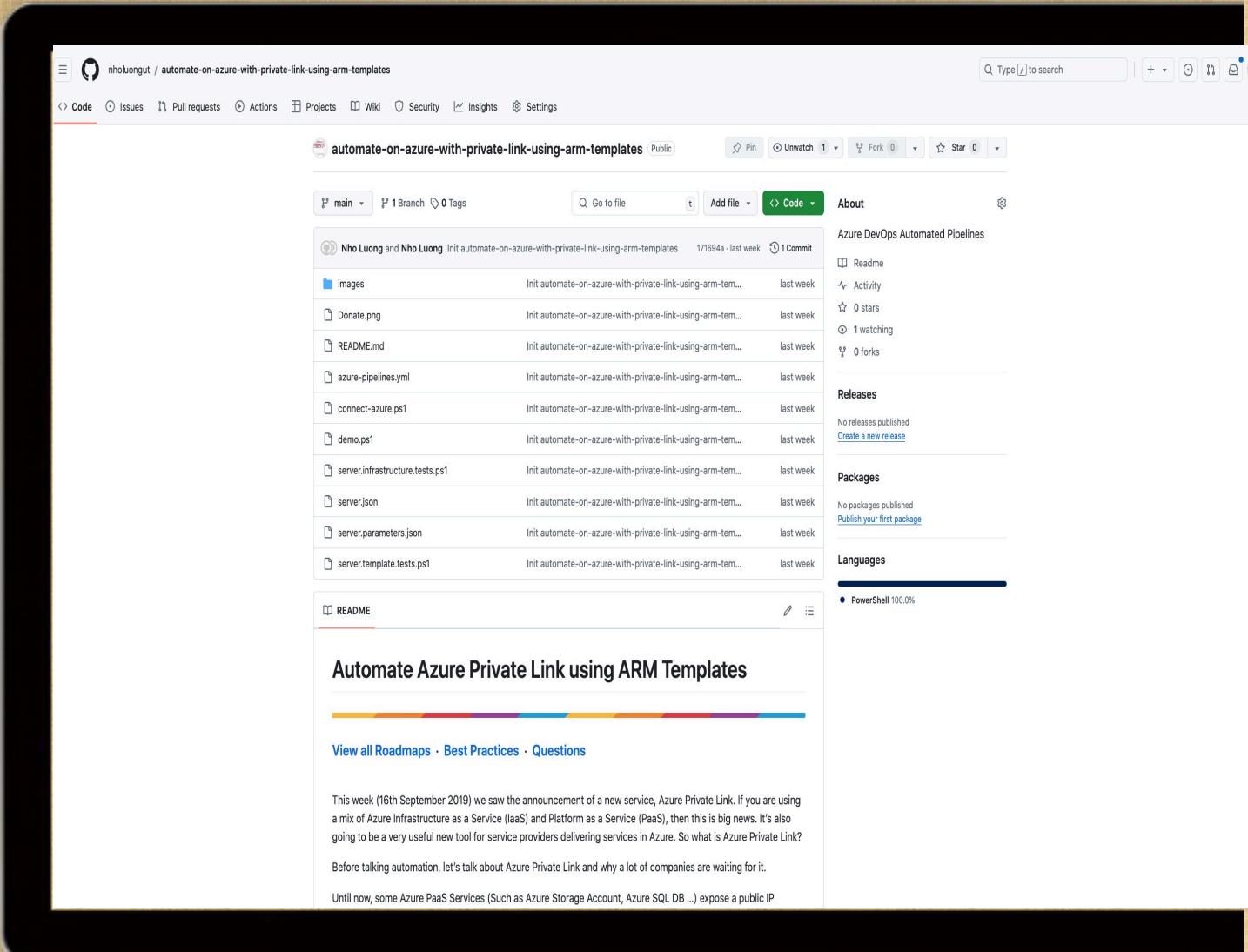
GitHub is more than just source control



GitHub Features

Code

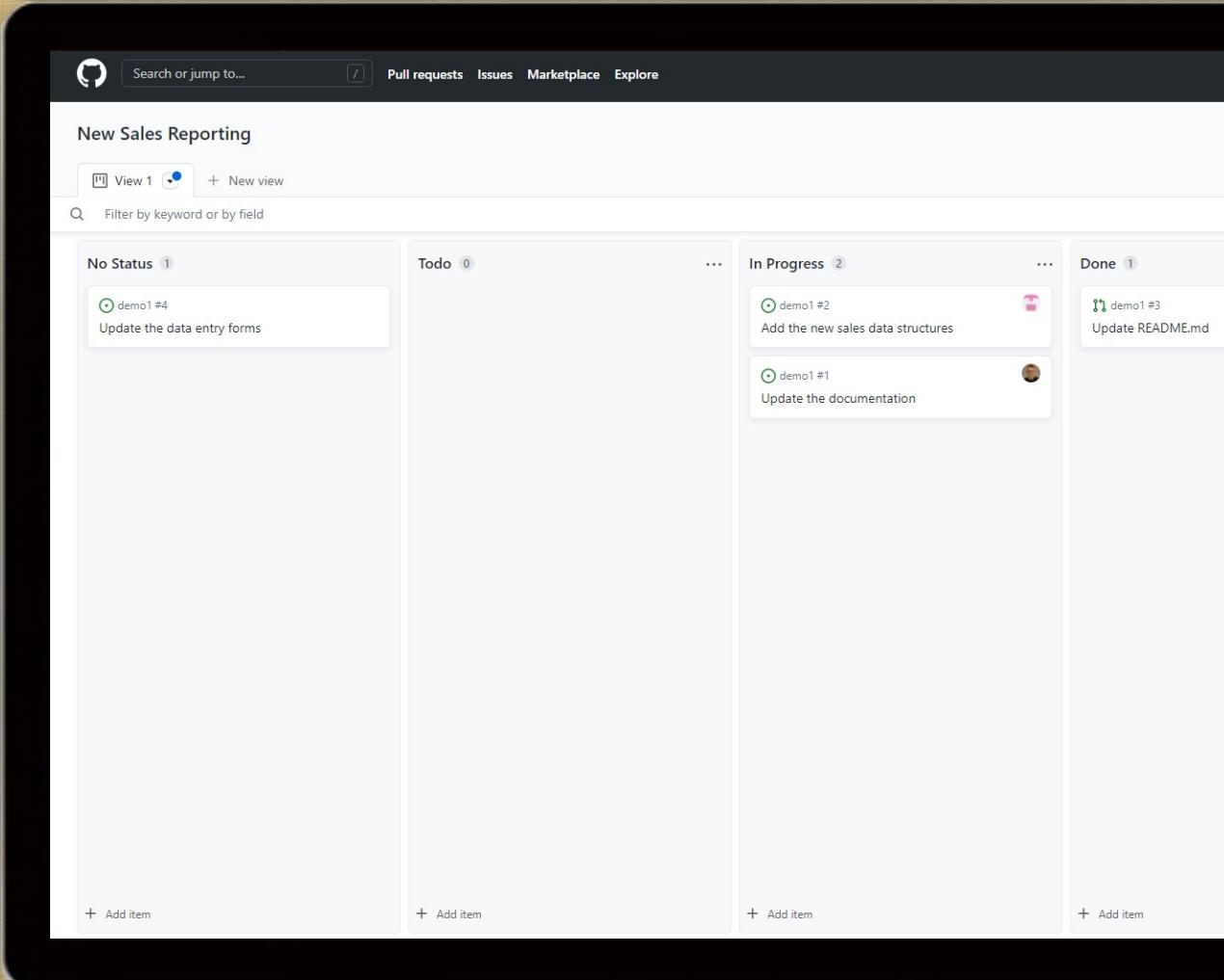
- Git based source control
- Supports all languages and platforms
- Extended with Pull Requests



GitHub Features

Issue

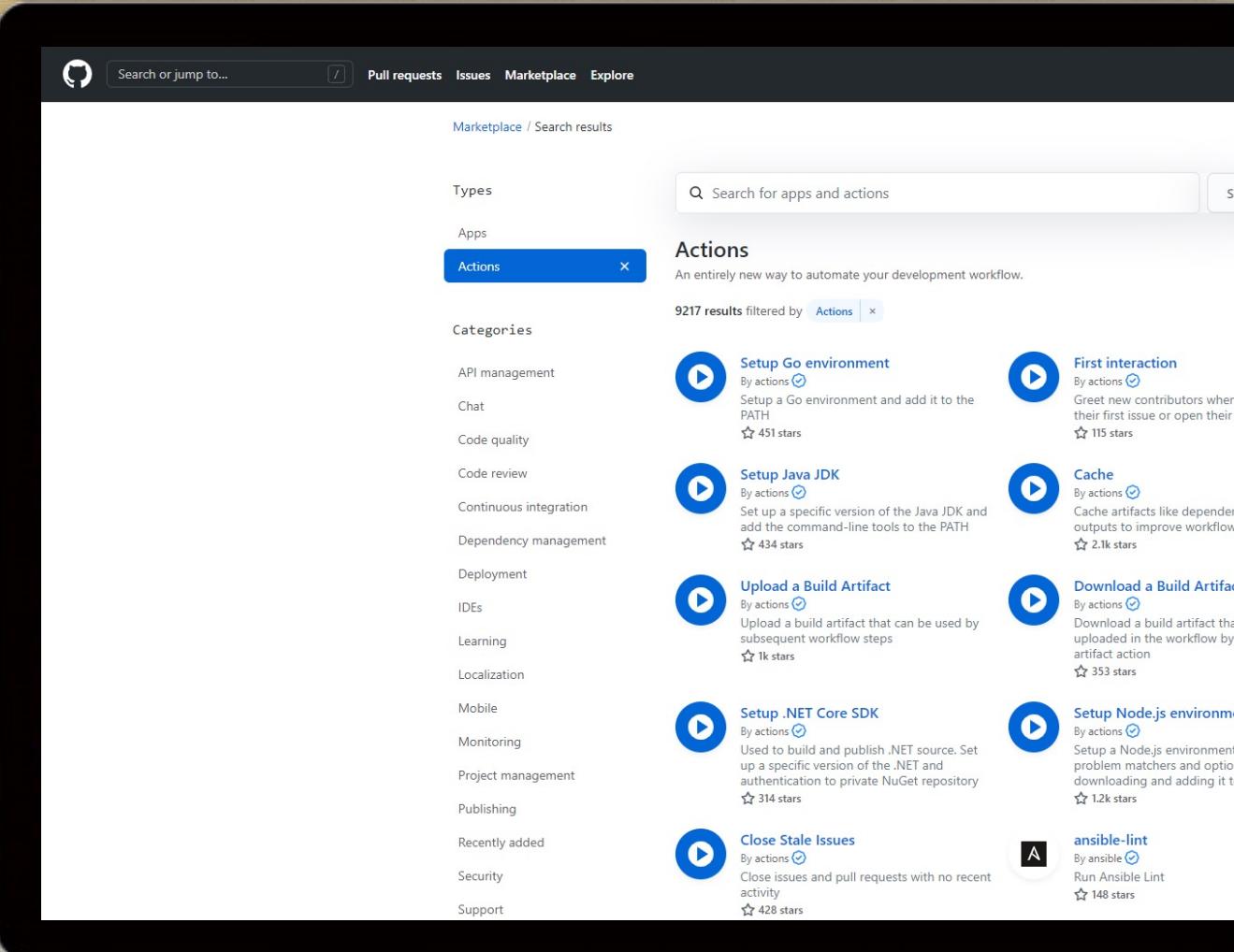
- Simple conversation-based threads
- Beta - Forms Based Issues
- Beta – Projects (Memex)
- Beta – Discussions



GitHub Features

Actions

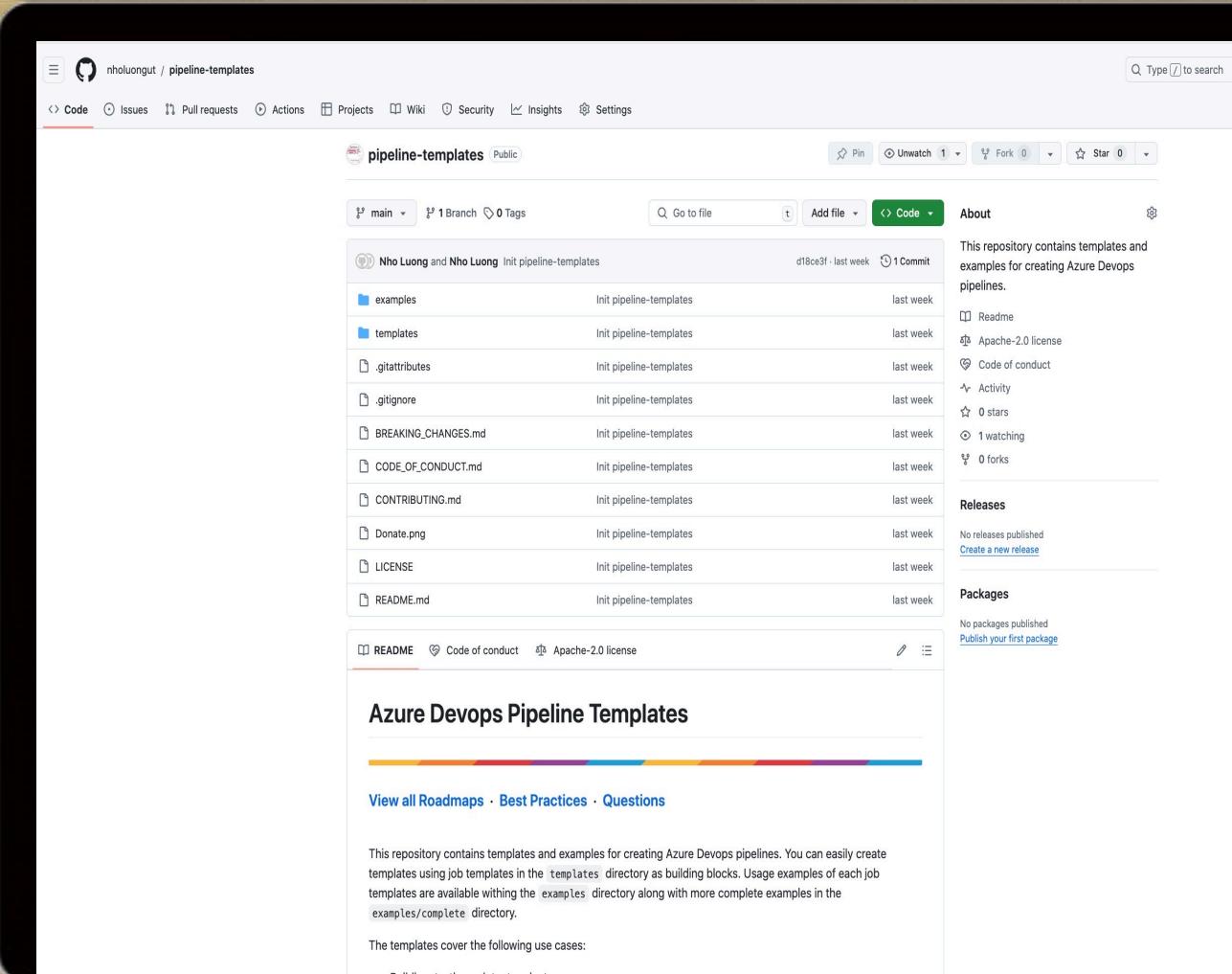
- Build any language any platform
- Quick start Samples
- Marketplace of Actions



GitHub Features

Release and Packages

- Releases of Source code Snapshots
- Package Management Feeds



GitHub Features

Insights

→ Reporting

→ DependaBot

The screenshot shows a GitHub repository page for 'nholuongut/azure-devops-pipeline-for-e-commerce-platform'. The page includes a navigation bar with links for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. The main content area displays the repository's files and their commit history. On the right side, there are sections for About, Releases, Packages, and Languages. The 'About' section contains a brief description: 'Azure DevOps Pipeline for E-Commerce Platform'. The 'Languages' section shows a chart with Java at 54.3%, TypeScript at 24.6%, HTML at 12.1%, SCSS at 8.6%, and Other at 0.4%.

About

Azure DevOps Pipeline for E-Commerce Platform

Releases

No releases published [Create a new release](#)

Packages

No packages published [Publish your first package](#)

Languages

Language	Percentage
Java	54.3%
TypeScript	24.6%
HTML	12.1%
SCSS	8.6%
Other	0.4%

Are there different versions of GitHub?



Free

The basics for individuals and organizations

- ⓘ Unlimited public/private repositories
- ⓘ 2,000 automation minutes/month
Free for public repositories
- ⓘ 500MB of Packages storage
Free for public repositories
- ⓘ New Issues & Projects (beta)
- ⓘ Community support

\$ 0 per month

Team

Advanced collaboration for individuals and organizations

- ← Everything included in Free, plus...
- ⓘ Protected branches
- ⓘ Multiple reviewers in pull requests
- ⓘ Draft pull requests
- ⓘ Code owners
- ⓘ Required reviewers
- ⓘ Pages and Wikis
- ⓘ 3,000 automation minutes/month
Free for public repositories
- ⓘ 2GB of Packages storage
Free for public repositories
- ⓘ Web-based support

\$ 4 per user/month

Enterprise

Security, compliance, and flexible deployment

- ← Everything included in Team, plus...
- ⓘ Automatic security and version updates
- ⓘ SAML single sign-on
- ⓘ Advanced auditing
- ⓘ GitHub Connect
- ⓘ 50,000 automation minutes/month
Free for public repositories
- ⓘ 50GB of Packages storage
Free for public repositories

EXCLUSIVE ADD-ONS

- ⓘ Token, secret, and code scanning
- ⓘ Premium support

\$ 21 per user/month



With GitHub Education, your work will speak for itself.

Build your portfolio, grow your network, and level up your skills.

[Get benefits for students](#)



GitHub Student Developer Pack

Get the best developer tools

There's no substitute for hands-on experience, but for most students, real-world tools can be cost prohibitive. That's why we created the Pack with some of our partners and friends, like:



Travis CI



GitHub Campus Expert

Grow your leadership skills

Build the tech community at your school with training and support from GitHub.

Campus Experts learn public speaking, technical writing, community leadership, and software development skills that will help you improve your campus.

Summary

- GitHub provides a complete ALM solution
- You can easily collaborate with others
- GitHub is free for student usage scenarios
- So why not give it a try?





Thank You