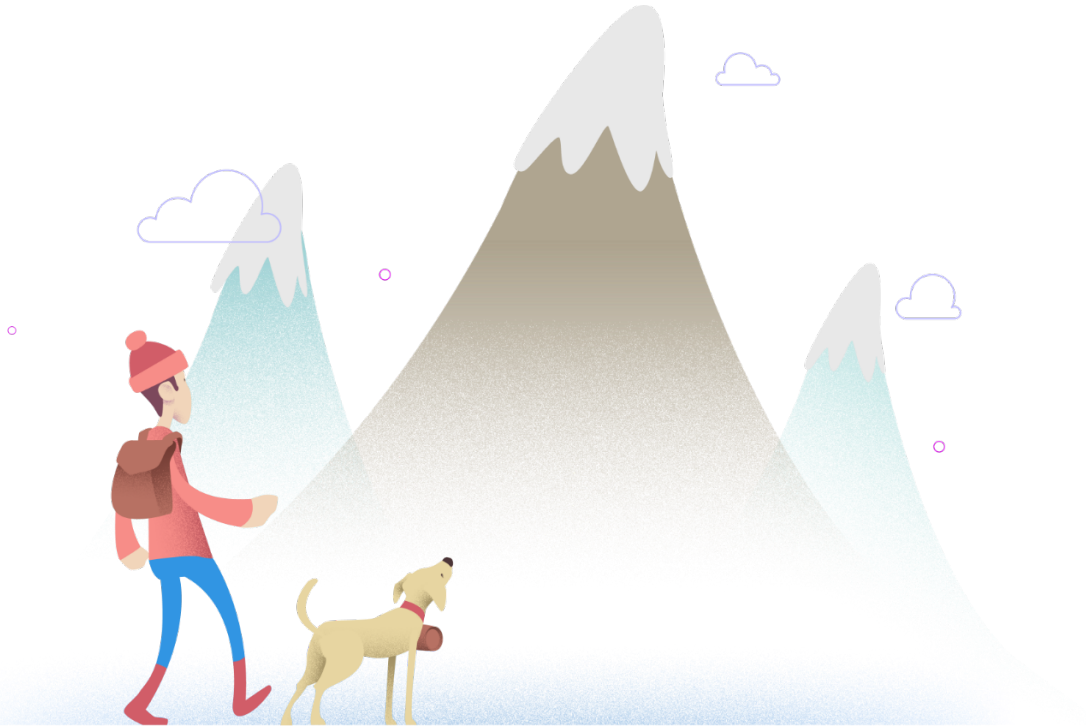
Agenda



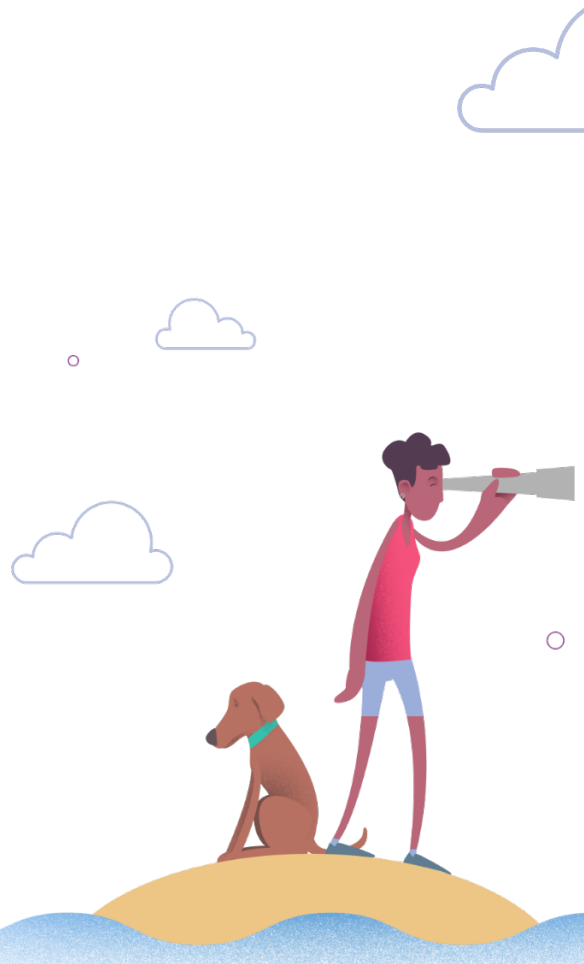
Introductions

About Azure DevOps

Demos

Atul Malaviya – Program Manager
Aseem Bansal – Engineering Manager

Azure DevOps



Azure Boards

Deliver value to your users faster using proven agile tools to plan, track and discuss work across your teams.

Learn More >

Azure Pipelines

Build, test and deploy with CI/CD which works with any language, platform and cloud. Connect to GitHub or any other Git provider and deploy continuously.

Learn More >

Azure Repos

Get unlimited, cloud-hosted private Git repos and collaborate to build better code with pull requests and advanced file management.

Learn More >

Azure Test Plans

Test and ship with confidence using manual and exploratory testing tools.

Learn More >

Azure Artifacts

Create, host and share packages with your team and add artifacts to your CI/CD pipelines with a single click.

Learn More >

Extensions Marketplace

Access extensions from Slack to SonarCloud to 1,000 other apps and services—built by the community.

Learn More >

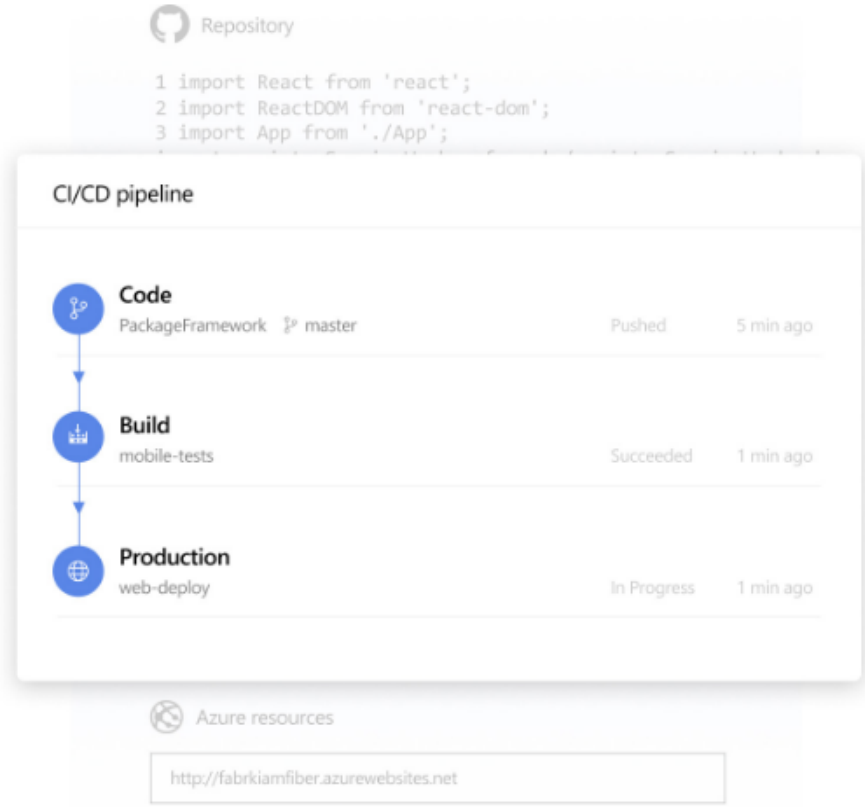
Azure DevOps

Azure Pipelines

CI/CD for any platform

Build, test, and deploy in any language, to any cloud—or on-premises. Run in parallel on Linux, macOS, and Windows, and deploy containers to individual hosts or Kubernetes.

Learn More >



JIRA servicenow

DevOps at Microsoft

Azure DevOps is the toolchain of choice for Microsoft engineering with over 100,000 internal users

https://aka.ms/DevOpsAtMicrosoft

442k
Pull Requests per month

4.6m
Builds per month

28k
Work items created per day

82,000
Deployments per day

2.4m
Private Git commits per month

3.5k
Open Source repos

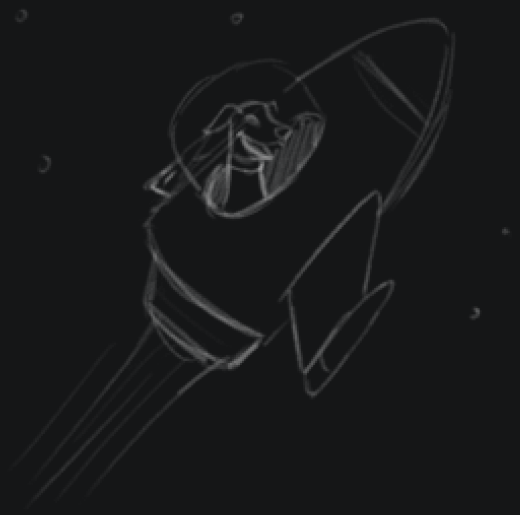
12k
Employees contributing to open source

Data: Internal Microsoft engineering system activity, March 2019

Open Source Adoption

https://azure.microsoft.com/en-in/pricing/details/devops/azure-devops-services/

Demo time

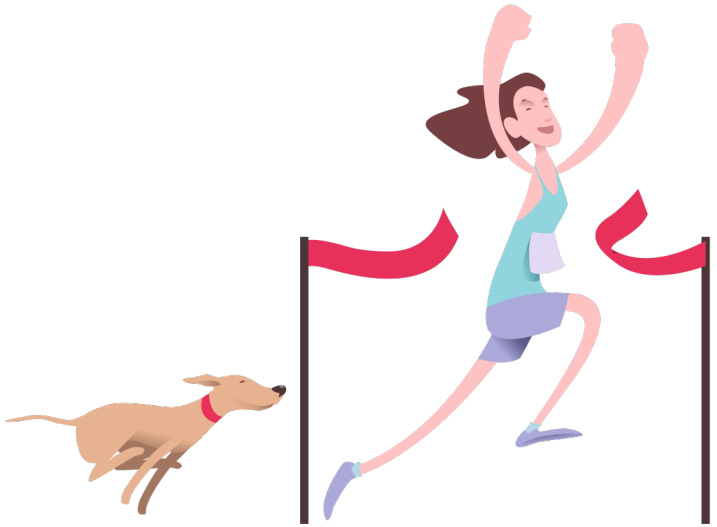


Microsoft

Resources

- Sample App: https://github.com/azooinmyluggage/WebApp
- Documentation: https://docs.microsoft.com/en-us/azure/devops/pipelines/languages/aks-template?view=azure-devops
- Kubernetes Manifest deploy task with support for annotations and deployment strategy: https://docs.microsoft.com/en-us/azure/devops/pipelines/tasks/deploy/kubernetes-manifest?view=azure-devops
- Environment in Azure Pipelines with support for Kubernetes: https://docs.microsoft.com/en-us/azure/devops/pipelines/process/environments?view=azure-devops
- Docker build and push support: https://docs.microsoft.com/en-us/azure/devops/pipelines/tasks/build/docker?view=azure-devops
- Support for container jobs: https://docs.microsoft.com/en-us/azure/devops/pipelines/process/container-phases?view=azure-devops&tabs=yaml
- Hosted agent: https://docs.microsoft.com/en-us/azure/devops/pipelines/agents/hosted?view=azure-devops

Questions & Discussions



Thanks!

Microsoft