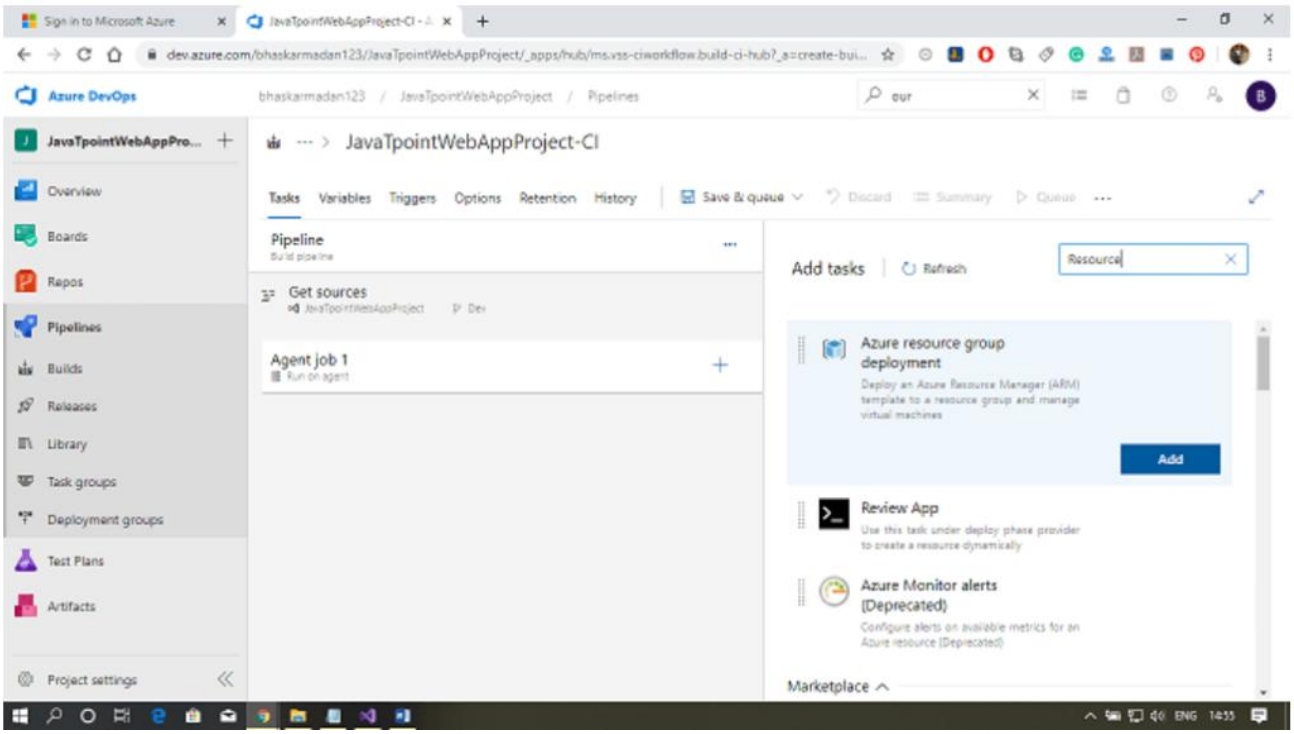
Azure Repo

7. Azure Repo

Azure Repos is a set of version control tools that you can use to manage your code. Whether your software project is large or small, using version control as soon as possible is a good idea. Version control systems are software that help you track changes you make in your code over time.

As you can see, in the corporate world, sometimes the development of a project takes an unexpected direction. The Connectix is a great example of such a case. The company released a product called Connectix Virtual PC, which has been later acquired by Microsoft. They changed its name to Microsoft Virtual PC first and then Windows Virtual PC later. There is a popular opinion among many IT professionals that Hyper-V originated from this project exactly. There has been quite a long road that leads from a single machine virtualization tool to a hypervisor that can virtualize and manage multiple virtual machines in a cluster.



Version control systems are software that help you track changes you make in your code over time. As you edit your code, you tell the version control system to take a snapshot of your files. The version control system saves that snapshot permanently so you can recall it later if you need it. Use version control to save your work and coordinate code changes across your team.

Even if you're just a single developer, version control helps you stay organized as you fix bugs and develop new features. Version control keeps a history of your development so that you can review and even roll back to any version of your code with ease.

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Azure Repos provides two types of version control:

- Git: distributed version control
- Team Foundation Version Control (TFVC): centralized version control

TFVC

Azure Repos also supports Team Foundation Version Control (TFVC). TFVC is a centralized version control system. Typically, team members have only one version of each file on their dev machines. Historical data is maintained only on the server. Branches are path-based and created on the server.

Get started by creating a project, configuring your workspace, and reviewing and sharing your code. You can use any one of these clients or IDEs:

Visual Studio

Xcode

Eclipse