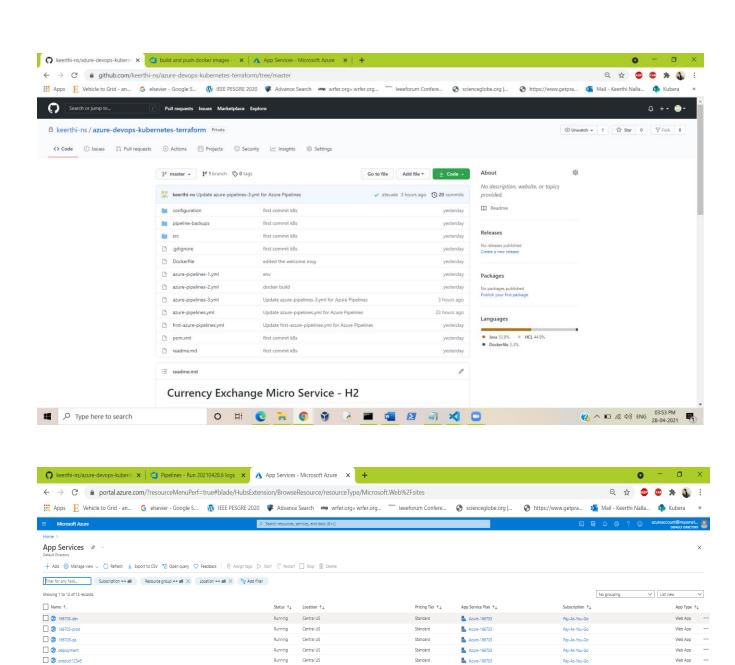
USECASE 2: Setup CI/CD pipeline for JAVA Microservices applications on Azure AKS. Use Azure DevOps, GitHub, K8s, Terraform, Docker, Docker Hub, Azure Storage account, Resource group and required tools.

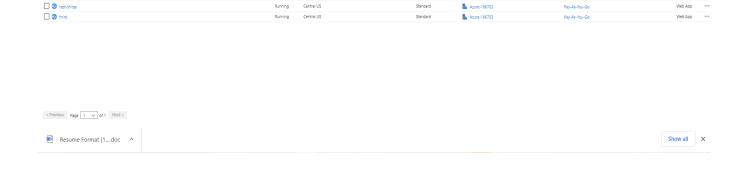
- 1. Create a project in new azure DevOps.
- 2. Create a new repository in GitHub.
- 3. create a new folder and push the files of java microservice to GitHub repository.
- 4. In project, create a pipeline, select GitHub, authorize and select the repository created, approve and install. Select starter pipeline, and can rename the yaml file if needed then save and run.
- 5. You can edit the yaml file and again push and see the changes in the pipeline.
- 6. Edit the pipeline yaml files with jobs. Create more than one job, understand various stages then save and run.
- 7. Add some variables in the yaml file of pipeline then save and run
- 8. Go to Service connection in project settings establish the docker connection
- 9. Create a new pipeline GitHub- docker- yaml file- settings- docker hub details- save and build
- 10. Create a release. Create n artifact and add three stages for Dev, QA and Production

```
inside dev--- add agent job --> bash script...settings—displayname (listfiles) ..inline ....script(ls -R $(SystemArtifactsDirectory))......save......
```

go to agent job settings---agent job specifications---ubuntu 16.04..save and create release..

- 11. Add one more stage . QA... can add pre deployment approvers..... save and create release
- 12. Create a Service connection in project Settings....establish Azure Connection.
- 13. Create new pipeline...starter pipeline...show assistant... terraform cli...add variables...add storage account...upload file in library... save and run.





Standard

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Web App

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