INTRODUCTION:

Hello abc,GM I am sandhya Avhad , having expertise of 5+ yrs in azure devops. I started my career as linux/windows,networking admin ,to execute some scripts using bash shell scripting.In that application is like enterprice application so no of clients wants to use that application via app service and store the data on cloud so, then I got opportunity to explore azure cloud and DevOps pipelines for infrastructure and applications. Mostly on SaaS solution to creating infrastructureand application deployment for banking project using azure devops pipelines .In the initial days We have faced no of issues on selecting Vm size,availability zones,storage ,SQL databases to selecting the VMs so We came to know the cost related things for sql database servers like we need to use IOPS vm size for database operations.then created service connections using managed identity ,service principals.

I have experience in creating, managing troubleshooting of azure services primarily -AKS,app service,VM,storage,azure devops,VNETapart from this I also have hands on experience of terraform,Linux,Git,Docker.

Roles and Responsibilities:

Coming to my roles and responsibilities, I was responsible to connect with different teams,to understand their requirements and design CICD pipeline based on that,to deploy application on multiple platforms such as azure Kubernetes ,azure web services, and deployment groups.

In XYZ project, I have worked as DevOps engineer primarily focussed on Azure DevOps and Kubernetes, where I was responsible for performing multi stage deployment of different application such as Java, Python, .Net.

In this role, I have deployed application using both the method, viz Using Azure DevOps Pipeline and traditional Kubernetes CLI. Also, I was responsible to ensure that the application is running smooth, and if we encounter any error such as "Crashloopbackoff Error" or others, we have to resolve the errors.With the help of CICD pipeline,logs,docker image and tags of my ACR

About the multi-stage deployment I told earlier, so we were creating namespaces such as UAT, Dev, PreProd, Prod in the same Kubernetes and were deploying there.

I have also done some azure devops pipelines for app services to call the REST APIs.In that I have to create docker agents ,vnet,subnet ,resourse groups,blob storage,containers.

About my Learning Journey:

I have multiple certifications in azure which includes Az-900,AZ-104 Azure administration,AZ-400 Azure Devops experts

1. Simple pipeline security issues - then solution is to apply sonar cloud for same
2. Horizontal pod autoscaling

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