

# ANINDITA ROYCHOWDHURY

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## LINKEDIN PROFILE

- <https://www.linkedin.com/in/aninditarc1003/>

## SUMMARY

Experienced DevOps professional with 6 years of hands-on experience in orchestrating software development using Agile methodology. Proficient in Pipeline Management using Azure DevOps, thus contributing to driving effective and iterative development lifecycles. Proficient in containerization of applications using Kubernetes and Docker. Skilled in utilizing the capabilities of various other tools like TFVC and GitHub for source control management, Ansible and Terraform to automate provisioning and management of Infrastructure, and DataDog to implement monitoring and logging solutions for various applications and tools.

## SKILLS

- Pipeline Management (CI/CD): Azure DevOps
- Version Control: Git, TFVC
- Infrastructure as Code: Terraform, Ansible
- Artifactory : Jfrog
- Secret Management Tool : Azure Keyvault, Hashicorp vault
- Containerization: Docker, Kubernetes
- Monitoring: DataDog
- Scripting: Shell, Python
- Tools: Azure DataBricks

## EXPERIENCE

07/2020 - Current

**Senior Consultant, PwC India, Kolkata, India**

- Learned to implement DevOps in Oracle products using Azure DevOps, GIT and Ansible Playbook in the Linux Virtual Machine.
- Developed Ansible Playbooks to accomplish diverse tasks, including configuring new clusters, installing Redis, implementing Ingress Controllers, extracting sensitive data from HashiCorp Vault, applying certificates and keys to secure secrets, creating Docker secrets, generating Images, pulling images from JFrog Artifactory.
- Designed and developed Classic and YAML-based pipelines within Azure DevOps to facilitate the seamless build and release of multiple Python-based applications and Ansible playbooks.
- Also, implemented end-to-end CI/CD workflows for Databricks Cluster setup, policies, and ML Databricks streaming and batch jobs.
- Integrated Veracode Scan in multiple CI/CD Pipelines.
- Automated backup of JupyterHub Kubernetes pods' PVCs to the blob storage using Python and update them in the Catalog register to be reflected in the Workbench portal of the application.
- Provisioned Azure resources such as AKS clusters, KeyVaults, Storage Accounts, and ACR through the utilization of Terraform modules sourced from the project's dedicated terraform repository.
- Set up containerized Azure agents in AKS clusters using Kaniko and Implemented Keda for

autoscaling of Agent pods.

- Designed generic Kaniko templates to build and push Images to Artifactory from Dockerfiles' of various applications.
- Integrated DataDog with AKS clusters and Databricks as well as configured dedicated dashboards to facilitate comprehensive logging and monitoring of multiple clusters and applications.
- Automated continuous monitor by creating a robust CI/CD pipeline for a Python-container reliant on EventHub and deployed it into Kubernetes Cluster to capture logs and feed them into Datadog to monitor and analyze applications in detail.
- Created documents to keep a track of Infrastructures and application process for future reference.

05/2017 - 03/2020

***Application Development Analyst, Accenture India Pvt Ltd., Kolkata, India***

- Created XAML Build and Automate Build and Packaging using TFS2015.
- Designed and Migrated applications from TFS2015 to Visual Studio Team Services.
- Performed POC for implementation of DevOps in Biztalk using Azure DevOps.
- Implemented Continuous Integration and Continuous Deployment (CI/CD) in Azure DevOps for approximately 100 Biztalk applications.
- Automated various Biztalk Applications related processes like Start and Stop of Applications, Restart of BizTalk Administrative Console etc using PowerShell Scripts through Azure DevOps.
- Worked for Internal DevOps Platform development for DevOps Maturity Assessment of different projects.
- Improved build/ deployment process efficiency by 50%, and deployment time from 3 days to 6 hours.

## **EDUCATION**

04/2017

**Bachelor Of Technology, Mechanical Engineering**  
***Kalinga Institute of Industrial Technology, Orissa***

## **CERTIFICATIONS**

AZ-400: Designing and Implementing Microsoft DevOps Solutions, Microsoft