

ASHIF EQBAL

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Professional Summary

Certified DevOps Engineer and **AWS Certified Solution Architect** currently working in **Cognizant Technology Solution** with overall **4.6 years** in the field of DevOps and AWS. **Proficient** in design & implementation of complex and fully automated CI/CD pipelines and IaC. Highly versatile in quickly mastering new roles and responsibilities. Reputation of **innovation** and **Quick learner**.

Skills

- **DevOps Tools:** Git, Bit Bucket, TFS, Gitlab, Jenkins, Nexus, Ansible, Chef, Terraform, Docker, Kubernetes
- **AWS Services:** EC2, S3, IAM, Lambda, DynamoDB, API Gateway, CloudWatch
- **Application Servers:** IIS, Apache Tomcat, Nginx
- **Programming Languages:** Python, PowerShell, Shell Scripting, Groovy, Yaml
- **Build Tools:** Maven, MS-Build
- **Testing Tools:** N-Unit, J-Unit
- **Operating System:** UNIX, Ubuntu, Red Hat Enterprise Linux, CentOS, Windows
- **Database:** MS-SQL
- **Project Management:** Agile, Scrum, Jira, Waterfall

Accomplishments

1. Migrated 114 TFS Code Components to Bit-Bucket and generated the entire pipeline for CI/CD.
2. Detailed technical knowledge and hands-on experience of DevOps, Automation, Build Engineering and Configuration Management
3. Reduced the overhead of sending Business Notification mail during Outage using PowerShell Script.
4. Awarded with 'TCS-Gems' for Innovation Superstar Award & Service Commitment Award.
5. Generated Email Notification for Service Health status using PowerShell.
6. Conducted WebEx/Classroom session for Team on Cloud Computing and DevOps.
7. Link to my GitHub repository: <https://github.com/ashif8984>

Work History

- Senior Infra Developer (DevOps) - Cognizant, Pune (2019- present)

1. DevOps Integration (Fiserv)

Tools: GIT/TFS, Jenkins, Docker, SQL Server and MySQL, JSON, Visual Studio 2019

In this project, I am responsible for creating CI/CD process, managing project repository and handling configuration management using custom Fiserv Tool.

- Created Multibranch Pipeline for Aperio Application for Build and Release
- Code Scanning with Fortify tool and reporting code vulnerabilities
- Creating and managing Docker container within Windows Environment.

2. Mortgage (MSO) DevOps/AWS Migration (Barclays)

Tools: Jenkins, Bit-Bucket, Groovy, PowerShell, Nexus, JSON, Chef, AWS

This was the previous project I worked with Barclays Bank (UK) with a team of 2 DevOps Engineer to create CI/CD pipeline for MSO Product and Migrating the entire TFS workflow in DevOps.

- Install and configured Jenkins in EC-2 and managing the access control.
- Written script for Build, Unit-Test, Code-Coverage, Packaging in PowerShell.
- Created Jenkins Multiple Branch pipeline using Pipeline Groovy scripts for Code-Review, Build, Unit testing, Code-Coverage, packaging, Nexus-Upload, deployment to test.
- Writing Chef Cookbook and recipes for Test Deployments.
- Application setup under IIS, app pool and web sites creation and maintenance using Chef Cookbook.
- Build a CI and CD pipeline using Groovy script in Jenkins
- Migrated around 114 MSO Code components in Stash and created CI/CD.
- Created Form- Based CD Job for Deployment using JSON.
- Maintained branching strategies for the projects with git.

- DevOps Engineer

- TCS, Pune (2015 - 2019)

1. OMR- Application Upgrade (Amgen)

Tools: Jenkins, GIT, Ansible, Docker, JSON, AWS, S3, Oracle

Worked in a team of 4 DevOps Engineer for Amgen Client to Build and deploy OMR (operational Model Repository) Application Code to Dev, Test and Prod env using DevOps and Gitlab. OMR is a native versioning tool for maintaining and creating schedules (HMI for plant operations) in Amgen.

- Maintained and Managed GitLab Repo and created CI/CD Pipeline for Build and deployment.
- Written Ansible-Playbooks and Roles for Infrastructure Provisioning, maintenance and Deployment.
- Created Docker Container for deployment of Build Artifact stored under Nexus.
- Managed AWS-EC2 instance for test deployment and monitoring.
- Automated configuration management and deployments using **Ansible** playbooks and **Yaml** for resource declaration. And creating roles and updating Playbooks to provision servers by using **Ansible**.
- Created and Scheduled a weekly archival database job to maintain high availability of application.
- Created near real-time backup for S3-Objects using AWS-Lambda Serverless.

2. Pipeline Pilot- Integration with Jenkins (Amgen)

Tools: Jenkins, GIT, Ansible, AWS

In this project I have worked in achieving CI/CD through DevOps practices and tools. Manual Deployment and was replaced with automated deployment through Jenkins and Ansible. Reduced a lot of overhead in manual deployment and integration.

- Created Jenkins pipeline for Code-Review, testing and packaging compiled code.
- Created Ansible Playbooks, Roles, Inventory for Deployment and provisioning.
- Managed deployment of applications to development, testing and production environments
- Managed AWS-EC2 instance for test deployment and monitoring.

- Installed and Configured the Apache Tomcat application servers for Dev and Integration Test Environments.
- Worked on installation of **Docker** using Docker toolbox.
- Worked on creating the **Docker containers**, **Docker** container images, tagging and pushing the images and Docker consoles for managing the application life cycle.
- Configure **Docker** container for automated testing purposes
- Implemented **Ansible** to manage all existing servers and automate the build/configuration of new servers.

3. OSI-Soft PI Developer/Administration (Amgen)

In this project, OSI-PI tools were used for creating templates and deploying new features. OSI-PI is native tool used for Industrial Data Historian. My role was creating custom scripts to ease easy deployments and automation.

Technology used: OSI PI Suite- PI Datalink, PI-Process-Book, PI- Coresight, PI-Vision, PI Interfaces, PI-AF

Tools Used: Python, PowerShell Scripting, MS-SQL

- Performed all necessary day-to-day GitHub support for different projects like Check-in, Checkouts, import, export, branching, tagging, and conflict resolution
- Creating Template for Deployment of asset in AF in Test and Prod Environment in AWS EC2.
- Automation of daily tasks using **Shell** and **PowerShell** scripts.
- Written the **Ansible YAML** scripts to configure the remote servers and execute scripts to install and manage software in windows and Linux hosts using ssh and winrm.
- Create and Build Jenkins jobs and store the build artifacts in Nexus by using preconfigured scripts.
- Created Database Jobs for Health Monitoring, Backup and weekly archival in MS-SQL.
- Co-ordinating with Infrastructure Team for applying Quarterly and Monthly Windows Patches.
- Created and Managed application alerts for tracking log files using Python and PowerShell Scripts.
- Generated PowerShell tool for sending maintenance alerts to stakeholders and business users.

Certifications

1. AWS Certified Solutions Architect – Associate

Credentials ID: 3L83GYT2H2QQQJWM Issue date: 04/01/2020

2. GSDC Certified DevOps Engineer

Credentials ID:17849 Issue date: 17/12/2018

Education:

2011- 2015:

B. Tech in Electronics & Instrumentation Engineering
Gandhi Institute of Engineering & Technology, Orissa

Declaration

I, Ashif Eqbal hereby declare that the above information is true to the best of my knowledge and belief.

Place
Pune

Signature
(Ashif Eqbal)