



Assad Ullah

DevOps Engineer

Automation is my passion. I believe DevOps methodology is helping me to achieve my goal. I have deep hands on experience in supporting, architect/ automation and optimizing mission critical deployments over large infrastructure. Proficient with configuration management tools, and in developing CI/CD pipelines and DevOps processes.

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github.com/assadullah96

WORK EXPERIENCE

DevOps Engineer

Emumba Pvt

11/2020 - Present

Achievements/Tasks

- Implementation of ETL processes using data pipelines in Azure Data Factory and one click deployment using ARM templates. The workflow begins with ingesting raw data from different sources, transforming this data into suitable structure and finally saving the cleaned data in different formats using different storage services. One click deployment automates the whole process we can deploy to any azure account.
- Creation of ETL workflows using SSIS packages and migrating these packages to Azure Data Factory using SSIS-IR and self-hosted integration runtime.
- Migration of Elasticsearch data to Azure data lake storage using Databricks spark in azure data factory and capturing the live events from website using eventhub api or python code and ingest these events to eventhub and run spark job to apply transformations, finally save aggregated results to sql and creating real time dashboards.
- Creating CI/CD pipelines using Azure DevOps.
- Containerization of applications along with their deployment on kubernetes cluster and also managing the k8s cluster

Associate Software Engineer (DevOps) Systems Limited

07/2019 - 10/2020

Achievements/Tasks

- Migration of VMs, and applications from on-premise to AWS Cloud.
- Automation of Machine Learning Model by creating the continuous integration, continuous training and continuous deployment (CI/CD) pipeline using Azure DevOps and Azure ML studio (MLOPs)
- Implemented and improved CI/CD pipelines for multiple projects using Azure DevOps as well as Jenkins.
- Automated various administration tasks in AWS using scripting
- Automated build and deployment process with Jenkins and Maven, eliminating 80% of manual work

EDUCATION

Bachelors of Computer Science

National University Of Sciences and Technology
(NUST), Islamabad

09/2015 - 05/2019

CGPA: 3.46

SKILLS

Git and GitHub

Docker

Jenkins/Bamboo

Kubernetes

Linux

AWS DevOps

Azure DevOps

AWS (EC2, S3, Aurora, RDS)

Azure (VMs, storage, Synapse, ADF)

Shell Scripting

ELK

Microsoft Dynamics 365

Nagios/Grafana

Power BI

Puppet/Ansible

Python Scripting

Java

Data Warehouse

SQL

ManageIQ

CI/CD pipeline

IaC (Terraform/ARM/Cloudformation)

Azure infrastructure: VNET, NSG, DNS

CERTIFICATES

AZ-400: Designing and Implementing Microsoft DevOps Solutions

By Microsoft

AZ-104: Microsoft Azure Administrator

By Microsoft

AZ-900: Microsoft Azure Fundamentals

By Microsoft

Linux Professional

By Edureka (Certificate ID: BM56TU2F)

Python Scripting

By Edureka (Certificate ID: AEBUPHEU)

Programming for Everybody (Getting Started with Python)

By University of Michigan (7 weeks)

Python Data Structures

By University of Michigan. (7 weeks)

Introduction to Big Data

By University of California San Diego (3 weeks)

The Data Scientist's Toolbox

By Johns Hopkins University (4 weeks)

What is Data Science?

By IBM (3 weeks)