



Syed Abdul Khader Shahbaaz

Skills:

Java

Python

Elasticsearch

ELK

Logstash

Docker

Kibana

Ansible

Loki

Data Structures

SQL

Gitlab CI/CD

Linux Administration

AWS

Grafana

Rundeck

Shell Scripting

Experience

JUN,2022 – CURRENT

Data Engineer / Brillio Technologies

Working as Data Engineer on providing *Error Budgeting* using **ELK stack** for the client McDonalds for improving Data Reliability across various data products in the organization.

Tasks include-

- Provisioned and Setup **Elasticsearch, Loki and New Relic** integrations from **Logstash** used for metric storage.
- Extracted error metrics using Logstash filters like *grok*, *mutate* and plugins such as Key Value (KV), JSON to derive application specific metrics such as *Availability, Latency, Top Success and Top Failures*.
- *Analyzing* data across various data products and building *data monitoring pipelines* structured across the organization from sources such as **Talend, AWS Lambda and EMR**.
- Envisioned standard data framework model which helped on board various different data products on the built monitoring platform.

FEB,2021 – JUN,2022

DevOps Engineer / Tata Consultancy Services

Worked as Associate DevOps Engineer on **Elastic stack** for telecommunications client BT.

Roles include-

- Provided **DevOps** solutions for application teams.
- Building **Logstash** pipelines, writing **ILM and SLM** policies, Hot-warm-cold architecture.
- Automated the upgrade of Elasticsearch cluster from 7.5.2 to 7.16.3 to fix Log4j RCE vulnerability.
- Optimized Logstash performance by 20%, by fine-tuning workers and batch parameters.
- *Containerized and maintained* ELK stack for sandbox environment using **docker**.
- Automating general operations using **ansible playbooks** for servers/app maintenance & configuration management.
- Integrated & managed Applications like - **HA Proxy, Rundeck, Logstash, Grafana, Kibana** according to the requirements.
- As a Linux administrator was involved in tasks like maintaining user role and permissions, setting up password less SSH and **shell scripting**.
- Used **Gitlab CICD** pipelines to configure Elasticsearch and Logstash pipelines using code, to reduce deployment time by over 50%.
- Monitored and maintained ELK clusters using the dashboards built on Grafana.
- Providing RCA, handling changes and involving with Change Analysis Board for change requests.

Projects:

Smart Hospital Management:

Java, Python, Django, AWS, ML, Android, MySQL

It is an Android Application which performs tasks of maintaining and emailing Reports and Prescription. Based on report values classifies whether the patient is suffering from Breast Cancer.

Smart Key:

Java, C, Arduino, Android, Firebase

Automates the locking mechanism of the vehicles. It operates the locking and unlocking of a vehicle through an android application.

Warehouse Management:

Java, DSA, Swing, File-Storage

Project aimed at optimizing food distribution system in India. A computer app which highlights to the concerned authorities about the expiration of the pulses in the warehouse preventing grains from rotting.

Education

Bachelors of Technology (B.E.) / Muffakham Jah College

8.2 CGPA

2016 - 2020

Higher Secondary/ Narayana Junior College

91%

2014 – 2016

Junior Secondary / Azra Public School

9.4 CGPA

2014

Courses and Certifications:

- Learning Git and GitHub, *LinkedIn Learning*
 - Programming Foundations APIs and Webservices, *LinkedIn Learning*
 - Spring Boot 2.0, *LinkedIn Learning*
 - Learning Python, *LinkedIn Learning*
 - Java Essential Training, *LinkedIn Learning*
 - Hands On Docker-DevOps, Udemy
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Extra-Curricular-

1. Won hackathon **Hack Revolution** conducted by CSI and ECell, MJCET.
2. Worked as **Tech Lead** for CSI, MJCET and conducted **Android Development bootcamp** for Computer Society of India (CSI).
3. Volunteered for **Web Dev Bootcamp** conducted by CSI and **MJHackRevolution2k19** by ECell.
4. Participated in **Tech Fest Adsophos 2k19**.
5. Participated at **Smart City Hackathon** conducted by Govt of Telangana, India with the aim to prevent the rotting of food supplies present in the warehouse by alerting the authorities.
6. Participated at **Imagine Hack** by MSS, MJCET with a project aimed at filling forms using human voice.