



Syed Abdul Khader Shahbaaz

ELK Data Engineer, Google Certified Cloud Associate

Skills:

Java Python Elasticsearch ELK Logstash Docker Kibana Ansible Loki Data Structures SQL

Gitlab CI/CD Linux Administration AWS services Grafana Rundeck Shell Scripting GCP

Experience

JUN,2022 – NOV,2022

Data Engineer / Brillio Technologies

Worked 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.
- Hands on knowledge in implementing Elasticsearch, Logstash and Kibana along with their integrations.
- 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**.
- Setup secure Elasticsearch cluster on *EC2 server*, along with *fault tolerant* and error prone Logstash pipelines along with its optimization.
- Used the standard data framework model which helped on board various different data products on the monitoring platform.

Awards-

- **Brilliant of the Month**, Nov 2022 – Awarded for demonstrating Customer Success
- **Group Excellence Award**, Sept 2022 – Awarded for demonstrating Entrepreneurial mindset

FEB,2021 – JUN,2022

DevOps Engineer / Tata Consultancy Services

Worked as Associate DevOps Engineer on **Elastic stack** for telecommunications client British Telecom (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 CI/CD** 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.

Courses and Certifications:

- Google Certified Associate Cloud Engineer, Google
- 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

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

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.