MATA KALYAN
Kafka Administrator/Support
Email Id: **matakalyan22@gmail.com**
Mobile: +91- **8149237738**

Professional Summary:

- 3+ years of professional IT experience, which includes proven 2+ years of experience in **Kafka Administration** Hands on experience in installation, configuration, supporting and managing Kafka Clusters.
- Administration and operations of the Kafka platform like provisioning, access lists (ACL) and SSL/SASL configurations.
- Troubleshooting production issues such as server configuration
- Involved In various project phases up to Go Live and production support.
- Hands-on experience in **AWS Services** EC2, Cloud Watch, VPC, S3 , IAM , AMI ,Elastic LoadBalancer & SecurityGroups
- Hands-on in **GCP** Cloud and **Authorised Certification**
- Good Experience in **Qwiklabs**

Kafka Skills:

- Install Kafka brokers, **zookeepers**, Kafka connect, **schema registry** in multi data-centre.
- Replication and **Kafka Control centre**.
- Creating topics, setup redundancy cluster, **deploy monitoring tools** and alerts for clients.
- Integration of Apache Kafka for data ingestion with other data stores like SQL using Kafka connect.
- In depth knowledge of Apache Kafka internals and managing huge clusters of Kafka.
- Benchmark and fine tune Kafka cluster for performance improvement.
- Upgrade Kafka to newer versions as they are released in market.
- **Kafka's mirroring** feature (**MirrorMaker**) tool to mirror a source Kafka cluster into a target(mirror)Kafka cluster like from **Onprem to AWS & Viceversa**

Technical Skills:

- AWS (Cloud)   :EC2, Cloud Watch, VPC, S3 , IAM , AMI ,Elastic Load Balancer & SecurityGroups
- GCP (cloud)   : Iaas, Paas & Saas
- DevOpsTools   :GIT,Github,Chef,Docker,Ansible,Jenkins,Maven/Ant&CI-CD
- Scripts   :Ruby&Yaml
- **BIGDataTools   : Kafka and its echosystem**

Education Qualification:

- Graduated with **78%** from National Institute of science & Technology, Berhampur 2021
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Work Experience:

- Worked as Kafka Support in **Tech Mahindra** from Aug 2020 to Current

Current Project:	
Organization	: Tech Mahindra
Client	: **DBS**
Role	: Software Engineer
Duration	: Aug 2020 to till date

Client Profile: DBS Bank Limited, often known as DBS, is a Singaporean multinational banking and financial services corporation headquartered at the Marina Bay Financial Centre in the Marina Bay district of Singapore

Responsibilities:

- Working as **L2 Support** In **production Environment**
- Good Experience with **Confluent Enterprise version**
- Hand-on working with different Deployments (**application , bugfix , version upgrades**)
- **Monitoring** clusters 24/7 by using **ELK stack**
- Good experience with tools **Jira**, **Service now & Git**
- Experienced with **Docker** running our applications
- Hands-on **Kafka** Administration experience in managing critical 24/7 applications
- **Creating topics** ,setup redundancy **clusters**, deploy monitoring tools and **alerts** for clients.
- Administration and operations of the Kafka platform like provisioning, **access lists(ACL).**
- Knowledge of **Kafka API** (**Producer ,consumer**)
- **Kafka Cluster brokers** , broker sizing , topic sizing ,h/w sizing & performance
- Good Experience in Creating **Sql / Mysql JDBC Source and sink connectors** based on **client requirements**
- Good Knowledge in **Debizium Connectors**
- Implement **Kafka's mirroring** feature (**Mirror Maker**) tool to mirror a source Kafka cluster into a target(mirror)Kafka cluster like from **Onprem to AWS & Vice versa**
- Launched Different types of **Instances** in **Amazon Web Services** cloud.
- Setup AWS **VPC's** for **dev** ,staging and **Prod** environments.
- Created **public and private subnets** by allowing traffic through **IGW** and **NAT** Gateway
- Balancing Load B/w servers by using **ELB**
- For **High Availability** I setup **Auto scaling Group**
- Automated server/database **backups** using(**snapshots/AMI** images).
- Created **user/groups** and assigned **polices** and **roles** to it in **IAM**
- Created **alerts** by using **cloudwatch** and send notifications through **SNS** to clients
- Responsible for implementing, automating, deploying, monitoring and administering **Application's infrastructure**

Declration:

- I hereby declare that all the details furnished above are correct to my knowledge and belief and I'm responsible for that.

Date:

Place: Signature: