

Tushar Biswas

Kafka Administrator

+91 8240926092 | tusharbiswas9038@gmail.com | linkedin.com/in/biswastushar1/ | github.com/tusharbiswas9038

Summary

Managed and supported Apache Kafka clusters across various environments including Dev, QA, UAT, and Production, ensuring seamless data streaming and high availability. Implemented robust security controls with SSL/TLS and SASL authentication to maintain secure communication and compliance. Proficient in Confluent Kafka, Apache Zookeeper, Kafka Streams, Kafka Connect, ksqlDB, Schema Registry, and Shell scripting, making this individual a key asset for any Kafka Admin role requiring advanced technical expertise and security mandates.

Technical Skills

- **Kafka Ecosystem:** Confluent Kafka, Apache Zookeeper, Kafka Streams, Kafka Connect, ksqlDB, Schema Registry
- **DevOps Tools:** Jenkins, Docker, Git, Kubernetes
- **Cluster Management:** Cluster Scaling, Performance Tuning, Data Replication
- **Security:** SSL/TLS, SASL, Kerberos
- **Monitoring Tools:** AppDynamics, Splunk, Prometheus, Grafana
- **Scripting:** Shell
- **Platform:** Linux
- **Ticketing Tool:** ServiceNow

Experience

Kafka Administrator - Cloud & Infra <i>LTIMindtree Limited</i>	July 2022 – Present Pune, India
<ul style="list-style-type: none">• Managed and supported Apache Kafka clusters across Dev, QA, UAT, and Production environments, including setup, configuration, scaling, maintenance, and security configurations Mandatory skill in Kafka streams.• Implemented security controls with SSL/TLS and SASL authentication to ensure secure communication and access management across enterprise systems, including mandatory kafka streams configurations for Apache Kafka environments.• Automated Kafka operational tasks (user provisioning, topic creation, monitoring alerts) using Shell scripting and CI/CD pipelines; ensured security compliance with Apache Kafka best practices• Executed Kafka upgrades (versions 6.x and 7.x) and patching with minimal downtime, ensuring high availability and stability; implemented security measures to meet mandatory skill requirements.• Configured and administered Apache Kafka Connect (source sink connectors) to integrate external systems with Kafka, ensuring reliable and scalable data streaming. Implemented security measures to meet mandatory requirements.• Created and maintained operational runbooks, documentation, and troubleshooting guides, enabling efficient cross-team support.• Designed and maintained disaster recovery (DR) plans for business continuity in mission-critical deployments.• Worked with ksqlDB and Schema Registry for real-time stream processing, schema evolution, and governance.• Streamlined broker, topic, and partition configurations to achieve high throughput and low latency for business-critical data pipelines.• Proactively monitored cluster health, broker performance, and consumer lag using Prometheus/Grafana, resolving bottlenecks to ensure SLA compliance.• Collaborated with developers, application teams, and stakeholders to design and optimize data streaming solutions.	

Certifications

Cloud Practitioner - AWS (Issued Jun 2025 · Expires Jun 2028)

Azure Fundamentals - Microsoft (Issued Sep 2022)

Education

Technique Polytechnic Institute <i>Diploma in Computer Science and Technology</i>	Hooghly, India 2019 – 2022
Uttarpara Govt. High School <i>Higher Secondary Certificate (Commerce)</i>	Hooghly, India 2017 – 2019