

Sankar Mukherjee

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<https://sankamuk.github.io/>

Summary

I am an infrastructure (Middleware, Big Data) developer for last 12 years. I love building smart self-driven Infrastructure with Automation and DevOps practices.

Currently working with leading **US bank** to build their **On-premise Bigdata Datalake**. I have been involved in the end to end (Planning, Designing and Implementation) delivery of the Data Lake. Major activity taken up is developing a *configuration driven dynamic workflow generation engine* with Airflow. *Core operators for workflow engine* for major tasks, e.g., Spark Application, Sqoop Import, Hive Action, Generic Python/Bash Action (released to Prod). Major *flow control components* for the workflow engine, e.g., File Watcher, Control Flow Branch, etc. (released to Prod). *Application DR* implementations (initial version released to Prod). Working on different legacy ETL migrations with the framework.

Skills

- Big Data
 - **Hadoop** (7 Yrs.), **Spark** (6+ Yrs.), **Airflow** (3+ Yr.), Elastic Search (1 Yr.)
- Java EE Application and HTTP Server
 - Websphere Application Server (6 Yrs.), JBoss (3 Yrs.), Apache HTTP Server (6 Yrs.)
- Development
 - **Python** (5+ Yrs.), Java (3 Yrs.), Reat JS
- Managed File Transfer
 - **Axway CFT** (3 Yrs.), Axway Secure Transport (1 Yr.)
- Build Engineering
 - ANT (2 Yrs.), Maven (3 Yrs.), **Jenkins** (3 Yrs.), **Git** (3 Yrs.)
- Automation and DevOps
 - **Shell Scripting** (10 Yrs.), **Ansible** (3 Yrs.), Rundeck (1 Yr.), GitOps (1 Yrs.)
- Containers
 - **Docker** (3 Yrs.), **Kubernetes** (2 Yrs.)
- Monitoring and Performance Engineering
 - Prometheus (2 Yrs.), Grafana/Kibana (2 Yrs.), Nagios (1 Yr.), JMeter (1 Yr.)
- Operating Platform and Cloud
 - **Linux** (10 Yrs.), **Azure** (2 Yr.)

Experience

APRIL 2021 – TILL DATE

Senior Staff Engineer - Data Engg. / Altimetrik

As part of Data Engineering Team working for US Bank to build and deliver their Bigdata DataLake.

OCTOBER 2020 – APRIL 2021

Technical Lead / Societe Generale Global Solution

As part of Data and Platform Engineering Team working for French Bank to build and deliver their Big data DataLake both on premise and on public cloud Azure.

OCTOBER 2018 – SEPTEMBER 2020

Hadoop Expert / Gigaspaces Technologies

As Hadoop Expert in Platform Engineering Team working for French Bank to build and deliver there DataLake solution for marketing channel. Involved in designing and setting up environment and develop standards and sample solutions for applications to be hosted on the same.

JANUARY 2016 – SEPTEMBER 2018

Technology Specialist / Accenture

Global Technical Lead for Middleware and BigData Technologies for one of the Global Pharma client for Accenture IO. I have been working extensively in developing Automation and DevOps solutions for current client to help manage the infrastructure efficiently.

AUGUST 2014 – NOVEMBER 2015

Senior Middleware Engg. / Standard Chartered Banking Group

Part of Middleware Engineering group, worked on implementing tight standards and consistent, comprehensive processes for managing the entire Java EE App Server life cycle.

JULY 2013 – AUGUST 2014

Technical Lead / Wipro Limited

Websphere Level 3 Service delivery resource for UK banking client. Build new application server environments and prepared them for run mode administration.

AUGUST 2012 – JUNE 2013

Technical Services Profession / IBM

Senior Middleware Engineer for US Insurance client. Also was part of Middleware Automation team for IBM, we delivered automation solutions used across all Middleware clients.

AUGUST 2008 – APRIL 2012

Senior Engineer / TCS

Senior developer and module lead for Digital Asset Management Application for US automobile client.

Education

2008

Bachelor of Technology / University of Calcutta

Major in Computer Science and Engineering.

Achievements

- Customer Champion for delivering first version of the Airflow based Dynamic Workflow engine. - **Altimetrik**
- Core Value Award for helping client in building there Next Generation DW with Hadoop – **Accenture**
- Celebrating Performance Award, for efforts in monitoring automation – **Accenture**
- Certificate of Appreciation for excellence in delivery – **Lloyds Banking Group**
- Appreciation for Authoring WAS Configuration Extractor Library. – **IBM**
- Certificate of Acknowledgement for resolving long standing issue in EVenue Process. – **Chrysler Group LLC**
- Certificate of Acknowledgement for Outstanding effort to achieve highest level of customer satisfaction. – **Chrysler Group LLC**
- Certificate of Acknowledgement from TCS for Outstanding effort to achieve highest level of customer satisfaction. – **TCS**
- Awarded On-The-Spot award for efforts in successful BCP drill of TIN environment at NSDL project. – **TCS**

Certifications

- Databricks Certified Associate Developer for Apache Spark 3.0
- Java Standard Edition 6 Programmer Certified Professional
- IBM Certified WebSphere Application Server Network Deployment
- Oracle DBA 11g, SQL Fundamental

Languages

- English (Fluent)
- Hindi (Good)
- Bengali (Fluent)