



Salman Bootwala

Lead Software Engineer

10 years of experience in Software development and Big Data Engineering in **Finance, Banking, Telecom, Retail, E-Commerce, Security and Social media Industry.**

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SKILLS

Java

Python

Microservices

Springboot

NoSql

Spark

Spark-Sql

Spark Streaming

AWS

Azure

Sql

NoSql

Druid

Kafka

Elasticsearch

Azure Datalake

Azure Data Factory

Azure Databricks

Design Pattern

Docker

Kubernetes



WORK EXPERIENCE

Lead Software Engineer

G42

08/2020 - Present

Bengaluru, India

Achievements/Tasks

- Building a **data pipeline** for scraping data from social media platforms (twitter and instagram) and processing across multiple data science applications.
- Building graph database in **Neo4j** and search query database in **Elasticsearch**, along with performance optimization in ES for faster results on UI.
- Building scalable **Microservices** architectures, integrating **Kafka** for event-driven communication, and utilizing **NoSQL** databases for efficient data storage and retrieval
- Implemented fault-tolerant and resilient microservices using **Spring Cloud** Netflix components such as Eureka, Ribbon, and Hystrix, ensuring high availability and reliability in distributed systems.
- Designed and implemented **Kubernetes** cluster strategies, ensuring seamless integration with **CI/CD pipelines** and containerized applications
- Configuration and setup of build pipeline in **Gitlab** that includes security and code check - linting , unit test cases, coverage report, security checks, sonarqube etc. along with Unit Test cases and Test Suite Integration for end to end pipeline.

Software Engineer III

Walmart

10/2018 - 07/2020

Achievements/Tasks

- Digital acceleration Analytics :- Metrics to analyze customer & visitors trends, sales and transaction numbers for Walmart services like lists, registry, Walmart pay etc using clickstream & transactions data
- Designed and developed end-to-end data pipeline solutions using **Azure Data Factory, Azure Data Lake, Azure Databricks, and Azure Synapse**, enabling efficient data ingestion, transformation, processing, and analysis.
- Designed and built RESTful APIs using **Java Spring Boot** and **Spring Cloud** to create microservices architecture, enhancing system modularity and flexibility.



WORK EXPERIENCE

Senior Software Engineer

British Telecom

04/2017 - 10/2018

Achievements/Tasks

- **Framework to load data from Hive to Salesforce** : Fetch the data from SalesforceDB using SalesforceAPI, perform transformation in Spark and optimize the code. Similarly cooking up and transforming the data in Hadoop instance and uploading the data back to Salesforce DB. Been part of design for 4 different projects related to Salesforce data transformation.
- **Implementing Delta lake in HDFS** : Using sqoop for importing the data from Mysql and transformation in spark for delta lake and updating the tables in Hive.
- **SCD Implementation** : Using **Spark Dataframes** to implement SCD1 and SCD2 on structured data.

Consultant

Genpact-Headstrong

08/2013 - 04/2017

Achievements/Tasks

- Created Custom Map reduce in Java for data cleansing and processing.
- Involved in the analysis, design and implementation of monthly projects.
- Load and transform large sets of structured & semi structured data.
- Build an end to end data pipeline using oracle, sqoop, map reduce and hive.