

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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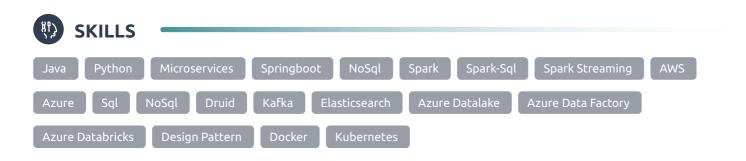
Bengaluru, India

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WORK EXPERIENCE

Lead Software Engineer G42

08/2020 - Present

Achievements/Tasks

Bengaluru, India

- 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.



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.