

# VAISHALI SOLANKE

## Big Data Developer

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📍 Pune(MH)

## OBJECTIVE

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### ZIELOTECH SOFTWARE PVT. LTD

Big Data Engineer with extensive experience in all phases of project development cycle. Passionate about Big Data technologies and the delivery of effective solutions through creative problem solving. Track record of building large-scale systems using BigData technologies.

## SUMMARY

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- Having 3.6+ years experience in IT With Relevant experience of 2.6+ years as Big Data Developer.
- Good understanding of Spark Architecture including Spark Core, Hands-on experience in SQL query analysis
- Having extensive experience on Spark SQL,Dataframe API .
- Experience in writing spark programs to perform data cleansing, Data Ingestion using pyspark.
- Hands on experience on Major components of Hadoop Ecosystem like HDFS, HIVE, Sqoop, YARN.
- Having experience in stages of the project including requirements gathering, development, performance optimization,data extraction, cleaning and reporting.
- Exposure to AWS cloud technologies such as EC2, S3, EMR, RDS, IAM etc.
- Worked on batch data and structured, non-structured datasets.
- Capability to explore, learn and understand newer business domains and technology.

## PROJECTS

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### Data Analysis on Big data under E-Commerce Domain.

📅 2021 - Ongoing 📍 Client-Europe Location

For instance, Big Data analytics enables companies to anticipate peak network demand and take appropriate measures to ease congestion. It can also be used to track the patterns of clients' product searches. in order for the company to make better decisions.

- Recognize the project's requirements from the client.
- Compile all necessary data in S3.
- Take data from S3 and generate a dataframe API using Databricks.
- Perform the some transformation and action and build business logic in accordance with the request from the client.
- Utilize optimization approaches to improve Spark task performance.
- Responsible for scheduling and monitoring the job.
- Finally, load the desired directory with the data to create the reports.

### BigData Pipeline (Retail Domain)

📅 2020 📍 Client-Europe Location

The project's goal is to import data from the mainframe system's supermarket system into the data warehouse. It's Mainframe to HDFS ingestion project in RealTime. Data migration utility to migrate existing system into MySQL . Later the extraction would be done in PowerBI.

- GKC stores are chain of retail stores , serving the customers worldwide with a range of products like groceries,home decor, furniture, electronics.
- These stores generate the sales data at their POS (Point of sale) & get pushed into the big data pipeline for cleaning, processing and Business analysis.
- Basically we have created an End to End data pipeline for Retail stores data using HDFS, Apache Spark, mySql And PowerBi.
- We have to filter data and perform multiple operations in order to get meaningful insights that will help the client in decision making and analysis.
- Have responsibility to Write the data extraction logic for the application.
- Raise JIRA for Infrastructure, Platform issues.
- Engage with BA to understand the requirements clearly.

## EXPERIENCE

### Big Data Developer

ZIELOTECH SOFTWARE PVT. LTD

📅 08/2019 - Ongoing 📍 Pune,India

I have Work in both Retail and E-commerce Domain.

- Working as Big data Developer using pyspark on hadoop ecosystem along with AWS.

## EDUCATION

### Bachelor of Engineering

Marathwada Institute of Technology,Aurangabad

## SKILLS

Hadoop Ecosystem: Hdfs Hive Sqoop Yarn

Cloud: AWS S3 IAM RDS EMR DataBricks

Spark Technologies: Pyspark SparkSQL

Language : Python SQL

Database : Oracle Mysql

Operating System : Unix/Linux Windows

Version Control Tools : GIT GitHub

## STRENGTHS



### Statistical knowledge.

Having statistics knowledge also help me ensure your analysis is valid, and it will help you avoid common fallacies and logical errors.



### Problem solving.

I am constantly going to encounter issues, flaws, and barriers in my work as a Big Data Developer. Another crucial ability that is useful as a data engineer is the capacity to problem-solve my way out of them.