

## **Vishal Sarwade**

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AWS Glue || AWS Lambda || AWS Redshift || AWS S3 || Pyspark

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### **Professional Summary:**

- **Overall 4.10Years** of professional experience in various Software Development positions in core and enterprise software development using Core Java, Advance Java, Big Data, AWS and Open Source technologies.
- **2.10 years** of proficient experience as a **Big Data** in **AWS Glue, Lambda AWS data catalogs, Custom Classifiers, Hadoop, Pyspark and NoSQL.**
- Having working experience on Amazon **SNS** and **SQS** services.
- **2 years** of experience in **Core Java, JPA (ORM TOOL), Spring MVC, Spring Boot.**
- Having knowledge in **AWS Cloud** services like - **EC2, RDS, S3, VPC, Glue, Lambda Cloudwatch, Auto Scaling, IAM, EBS** etc.
- Experience in **importing** and **exporting** data between **S3 to RDS** and **RDS to Redshift** systems using **Glue jobs** and **Pyspark Scripts.**
- Experience working with different file formats (**CSV, XML, JSON, Avro**).
- **Expertise in working** with **AWS glue, lambda, Pyspark, Step Functions, Databrew** and various **Hadoop Ecosystems** like **HDFS, Hive, Sqoop, Cloudera, Oozie, HBase , Zookeeper.**
- **Expertise** in Working with AWS Services like **EMR.**
- Working experience in **Amazon Redshift.**
- Worked on different RDBMS databases like **Oracle, PostgreSQL** and **MySQL**
- Having good understanding of **Spark Core, Pyspark** and its concepts, and **Scala** with it functions.
- Working experience on **AWS services and Pyspark Scripts.**
- Good Knowledge on **Hadoop architecture** and **monitoring** the cluster.
- Expertise in usage of **Hadoop** and its **ecosystem commands.**
- Expertise in **Creating Hive Internal/External Tables/Views** using **shared Meta store, writing scripts in HiveQL.**
- Experience in **importing** and **exporting** data between **HDFS** and **Relational Database Management** systems using **Sqoop.**
- Experience in writing **Map Reduce** programs in Hadoop for analyzing Big Data, and developing **Custom UDF's and Hive.**
- Excellent understanding and knowledge of **NOSQL** databases **HBase and Cassandra.**
- Having working experience on integrating different eco-systems like **HBase - Phoenix.**
- Expertise in working with programming languages like **Core java** and **Python** and Database tools like **MySql.**
- Development of web application for Banking Domain with the help of **spring MVC, Spring Boot and Hibernate.**
- Excellent communication and interpersonal skills and versatile team player with proven problem solving skills.

## **Professional Experience:**

- **Currently Working in NexGen Cloud Services organization as Data Engineer since 2020 to present.**
- **Previously working in same organization as Jr.Java Developer since Jan 2018 to Jan 2020.**

## **Technical Acumen:**

<b>Big Data Ecosystems</b>	<b>Hadoop, HDFS, MapReduce, Hive, Sqoop, HBase, Oozie, Zookeeper</b>
<b>Distribution</b>	<b>Cloudera , HortonWorks</b>
<b>Cloud Platform</b>	<b>AWS(EC2,S3,Glue,Lambda,RDS,Redshift)</b>
<b>Programming Languages</b>	<b>Python, Core Java, SQL</b>
<b>NoSQL</b>	<b>Hbase , Cassandra</b>
<b>Database Systems</b>	<b>MySql, Oracle, Derby, postgresQL</b>
<b>IDE tools</b>	<b>Pycharm, Anaconda (Jupyter,Spyder),Eclipse, Net beans</b>
<b>Platforms</b>	<b>Linux Cent OS/Ubuntu, Windows</b>
<b>ORM Tool</b>	<b>Hibernate</b>
<b>Vision Control</b>	<b>Git and Github</b>
<b>Monitoring tool</b>	<b>Jira</b>

## **Projects Summary:**

- 1) **Project Name : Share Market Sentimental Analysis**  
**Duration : 02/2021-Present**  
**Current Role : Data Engineer**  
**Environment : AWS S3, Glue, Lambda, Redshift, RDS**

**Description:** The main function of this ecosystem is to convert bad data into process data. Project consist of analysis of the data to achieve the overall requirement from client.

## **Contributions:**

- Receive the data from client and getting backup of it in S3 through lambda function.
- Run the crawler to store the metadata into the data catalog.
- To store the process data into S3.
- To store the data into Amazon redshift to apply some complex queries.
- To process Batch data using Glue job through Pyspark scripts.
- To process Delta or Incremental data using AWS Bookmark service, and dumped that clean data into the redshift in the end.
- Written Glue job to Process data.
- To analyze and solve problems and put hot fixes on production.
- To give support the client for product.

**2) Project Name** : **Ecommerce Analysis for Medical Care (NCOM)**  
**Duration** : **03/2020-01/2021**  
**Current Role** : **Data Engineer**  
**Environment** : **AWS S3, Glue, Lambda, RDS**

**Description:** Simple E-Commerce project for analysis of various fields of medical such as tablets, Syrups, injections etc.

**Contributions:**

- Monitoring the job, if any problem occurs solving that problem.
- To apply validations to incoming data through glue pyspark script.
- To process the raw data into meaningful data.
- ETL process using glue job to extract the data and load into target location.
- At the end uploading the output data to output directory on S3.
- Support to the client for the same product.
- To analyze and solve problems and put hot fixes on production.

**3) Project Name** : **BANKONUS.COM**  
**Duration** : **05/2018-12/2019**  
**Current Role** : **Java Developer**  
**Environment** : **Core Java, Spring boot, Hibernate, Spring MVC, REST**

**Description:** It is an online insurance/banking ecommerce platform and aggregator. I am currently in charge of deploying and developing new and exciting features for web and mobile. The technology stack includes Java (Spring Boot, Hibernate), MySQL.

**Contributions:**

- To involve in various phases of the application life cycle.
- To debug the code according to the client requirement.
- To write the java code for CRUD applications.
- To Analysis of the tokens generated.
- To do the Object Relational Mapping with the help of one to one or many to one mapping in Hibernate.
- To do unit testing using J-Unit testing.
- To make REST API and test using Postman.
- To push the code into Git for version controlling.



**Education Qualifications:**

- **Bachelors in Mechanical Engineering** from Babasaheb Ambedkar Marathwada University , Aurangabad in 2016

**Personal Details:**

- **Date of Birth** : 01 May 1995
- **Nationality** : Indian
- **Languages** : English, Hindi, Marathi.