

Ashish Mittal

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Big Data Engineer

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**Summary:** 3.10 year of Experienced in Software Engineering with a demonstrated history of working in the information technology and services industry. Skilled in Java, Scala, Spark Core, Spark Streaming, Spark SQL, HDFS, Yarn, Hive, Sqoop, Kafka, Airflow, Cassandra, HBase, MongoDB. Strong engineering professional with a CDAC focused in PG-DAC from Sunbeam institute of information technology karad.

## Education:

- **CDAC(PG-DAC)** from Sunbeam Institute Of Information Technology Karad, February 2017- July 2017.
- **Bachelor of Engineering (Information Technology)** from Oriental College Of Technology(RGPV) Bhopal, July 2011-Jun 2015 with 6.72(CGPA).
- **HSC (12th)** with 59.6% from Indira Gandhi H.S. School Sabalgarh(MP Board) in 2010.
- **SSC(10th)** with 70.2% from Saraswati Shiksha Mandir Sabalgarh(MP Board) in 2008.

## Technical Skills:

- **Languages:** Core Java, Python, Scala
- **Big Data Technologies:** Hadoop Ecosystem(HDFS, Map Reduce, Yarn, Hive, HBase, Sqoop), Apache Spark Ecosystem(Spark Core, Spark SQL, Spark Streaming, Spark MLlib, Spark GraphX), Apache Kafka, Apache Airflow, Apache NiFi.
- **DataBase Technologies(RDBMS and NoSQL):** MySQL, Apache Cassandra, MongoDB, ElasticSearch.
- **Java FrameWork:** Spring Boot, Jersey Framework, Rest API.
- **Cloud Technologies:** Amazon S3, Amazon EMR, Amazon DynamoDB, Amazon Glue, Amazon Kinesis, Amazon Athena, Amazon RedShift, Amazon EC2
- **Software Tools:** Eclipse, IntelliJ IDEA, Git, GitHub, JIRA, Maven, Gradle, Postman
- **Operating System:** Linux, Unix

## Professional Experience:

★ Role : Big Data and Cloud Developer

**Company Name :** Abzooba India Infotech Pvt Ltd from March 2021 - Present

**Projects:** Equifax USIS MnA Team

**Client:** Equifax Inc

**Description:** This is a credit domain project to ingest data from Ansonia to Data Fabric. This is a three phase approach to Ansonia data ingestion into data fabric. Data Fabric P3/P5 pattern (mirrored copy of Ansonia database) ingest of Ansonia data in production operation, with monthly refresh using AWS services Ansonia will continue to ingest directly from data providers and send cleansed/keyed snapshots to Data Fabric for ingest, that can then be leveraged by other parts of USIS Commercial, in particular the “Paynet” organization.

**Responsibilities:**

- Obtain extract from the Ansonia database, Load data to data fabric - ingestion, journaling, purposing.
- Reverse engineering of Ansonia ingestion to identify ingestion rules.
- Create Data Prep plugins for ingestion, journaling and purposing for top 200 contributors.
- Extract data to Cambrian for data validation.
- Assist in the deployment activities using S3, Kinesis, Data Pipeline, AWS Lambda, Amazon Athena and DynamoDB.
- Participate and acquire knowledge of the current system.
- Analyse spikes as needed. Tools & Technology Used: S3, Amazon Kinesis, SNS/SQS, Amazon Athena, Amazon SDKs, Amazon DynamoDB and Amazon RedShift.

★ Role : Software Engineer-Big Data

**Company Name :** Hotwax Systems from May 2019 - February 2021

**Projects: E-Commerce based application**

**Description:** The HotWax Commerce Suite is a complete retail ecosystem with the strength and flexibility to advance every angle of commerce operations. It is an ERP system that provides Warehouse Management, Order Management, CRM, CMS, Party Management, Accounting Management, Store Pickup order, B2B and B2C.

**Responsibilities:**

- I worked on developing the recommendation engine based on customer purchase history and fetching the order data from MySQL using spark SQL.
- Store the spark MLlib ALS model(training and test data) in the HDFS.
- Save the final recommendation results in Cassandra.
- Build the Rest API in the Spring Boot to show recommendation results on the store front.
- Run the spark job on the server machine using Apache Airflow with Yarn cluster.
- Store the clickstream(live streaming) data in the apache Kafka topic and configure with Spark Structured Streaming and save to streaming data in the ElasticSearch and show the visualizations in the Kibana dashboard.

★ Role : Software Developer

**Company Name** : Simption Tech Pvt Ltd from March 2018 - April 2019

**Projects: Ere4u(Easy restaurant for you)**

**Description:** I have done a project “**Ere4u**”.Its stand-alone restaurant management software that provides point-of-sale (POS) billing, recipe management, food costing, store, location, stock management, KOT generate, bill and so more things related to restaurants. It has an admin part i.e. on the web in which we used Angular JS. Admin can create users, location, store ,purchase and categories of items.

### **Certification:**

- Big Data Engineering with Hadoop and Spark from Indian Institute Of Technology Roorkee in 2020.

### **Personal Details:**

Date of birth : 06/08/1993

Language : English, Hindi

Passport Number : U1540260

### **Declaration:**

I hereby declare that the above-mentioned information is correct up to my knowledge.

Place : Pune

Ashish Mittal