



Ashish PATEL
Bengaluru, India | +91 7705047900
ashishpatel0720@gmail.com

github | linkedin | portfolio

SUMMARY

Experienced Software Engineer experience in **Big Data, Distributed Systems, Java, Scala** and **Python** seeking to apply my abilities to contribute and build something productive.
I am an active contributor to **Apache Airflow**.

EXPERIENCE

PROPHECY.IO

Jan, 2023 - Present / Bengaluru, India

SENIOR DATA ENGINEER

- Building High-Quality Scalable ETL Frameworks and Pipelines using cutting edge solutions.
- working as Solutions Architect and helping our customers creating best frameworks to simplify their data pipelines.
- **Tech Stack** - Apache Spark, Apache Airflow, Python, Scala, Databricks, Snowflake and DBT.

SKYSCANNER

Dec, 2021 - Jan, 2023 / London, UK

SENIOR SOFTWARE ENGINEER (DISTRIBUTED SYSTEMS)

- Building High-Quality Scalable ETL Frameworks and Pipelines using cutting edge solutions like **Databricks, Apache Spark, DeltaLake, Apache Airflow** and **AWS**.
- Working on cutting edge big data solutions to enable our Data Analysts and Data Scientists to make sense of revenue data and Clickstream data.
- Building High Scalable Streaming Pipelines using cutting edge solutions like **Apache Kafka** and **AWS MSK**.
- **Tech Stack** - Apache Spark, Apache Airflow, Databricks, DeltaLake, Python and Java

APACHE AIRFLOW

Feb, 2021 - Present / Remote

OPEN SOURCE CONTRIBUTOR

- **Contributed 12+** Pull requests to Opensource **Airflow** repository on Github.
- Participated and contributed in Meetups and discussions to make Apache Airflow one of the best Open Source Orchestration platform.

WALMART GLOBAL TECH

Feb, 2021 - Dec, 2021 / Bangalore, India

SOFTWARE ENGINEER III (BIG DATA)

- Part of the **supply chain technology** team, and working on cutting edge forecasting solutions to enable the every-day low-cost philosophy of Walmart.
- Built High-Quality Scalable ETL Frameworks and Pipelines to build our Forecasting Pipelines.
- Migrated our On-Prem Hadoop Clusters to Google Cloud Platform as part of a strategic partnership with Google.
- **Tech Stack** - Apache Spark, Java, PySpark, Apache Airflow, GCP DataProc, Bigquery, Astronomer

DEUTSCHE BANK

July, 2018 - Jan, 2021 / Pune, India

SENIOR SOFTWARE ENGINEER

- Worked As a Big Data engineer in CIB division for Volcker Project.
- Developed **Data pipelines for our Reporting ETL** jobs, handling **Terabytes** of data every day across hundreds of Spark and Hadoop MapReduce jobs.
- Optimized End to End Pipeline execution time to comply with Regulatory SLA in accordance with new Volcker 2.0 regulatory Norms.
- Developed Platform simplification for Informatica jobs using Java8 and Spring + Reactor Framework with Oracle Database.
- **Tech Stack** - Apache Spark, Hadoop MapReduce, Hive, Impala, Beeline, Cloudera CDH, Java, Spring Framework, Spring Boot, Scala, Linux, GCP.

NIT, BHOPAL

Oct, 2017 - Feb, 2018 / Bhopal, India

RESEARCH ASSISTANT

- Co-written **"A Comparative Study of Music Recommendation Systems"** with Prof. Rajesh Wadhvani.
- This paper describes different recommendation strategies and compares their practicality on mobile devices.
- Evaluated different Recommendation Strategies by training different ML models and evaluating them.
- **Reference** - <https://ieeexplore.ieee.org/document/8546852>

CARWALE.COM

May, 2017 - Jul, 2017 / Mumbai, India

SUMMER INTERN

- Worked as Data Engineering Intern in the R&D division of CarWale.
- We developed CWBigQuery, which is a service that enables interactive analysis of massively large datasets stored in Cassandra Storage.
- It allows users to submit and schedule Spark Job, just using SQL like syntax using Spark SQL.
- This Project took inspiration from Google BigQuery but uses a completely different architecture, we have also created a web application which will provide an interface for users to log in and submit, schedule, and view results.
- **Tech Stack** - Scala, Apache Spark, Cassandra, Python-Flask Framework

EDUCATION

NIT, BHOPAL

2014 - 2018

BACHELOR OF TECHNOLOGY, COMPUTER SCIENCE & ENGINEERING

- Graduated in Computer Science and Engineering. **GGPA** - 8.4/10
- Worked as Web developer in the Student Council and developed websites and tech infrastructure for College events.

I.P.S ACADEMY

2011 - 2013

HIGHER SECONDARY, SCIENCE & MATHEMATICS

- Completed Higher Secondary with Physics, Chemistry, and Maths. Percentage - 90.2%

SKILLS

PROGRAMMING Java | Scala | Python | C++ | Bash

BIG DATA FRAMEWORKS Apache Spark | Kafka | Databricks | Airflow | Snowflake | DBT | Hive | AWS | GCP

SOFTWARE DEVELOPMENT Spring Framework | RDBMS | Python Flask | Agile | DevOps

LANGUAGES **Native:** Hindi | **Fluent:** English

AWARDS AND RECOGNITION

- Competed with 200+ teams and Won 3rd prize in Deutsche Bank's Global DataScience Competition Dabble.
- Won 2nd prize in Hackathon organized by Appointy Inc, <https://github.com/pateash/appointy-hackathon>
- Winner of Deutsche bank's excellence award.
- Winner of Medhavi Chhatra Puruskar, given by MP State Government for excellent performance in State board exams.

EXTRA

- Contributing to Apache Airflow, contributions - <https://github.com/pateash>
- Working on Open source, CMD tool for developers, <https://github.com/codingtools/cdt>
- Writing Articles on Codebrace on Medium <https://medium.com/codebrace>, with over **100K+** reads so far.
- Created Opensource Regexplore, Intuitive Regex Checker <https://regexplore.github.io>