



Ashish PATEL

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github | linkedin | portfolio

SUMMARY

Experienced Big Data Engineer with 4 years of total experience in BigData, Java, Scala, and Python seeking to apply my abilities to contribute and build something productive.

I am active contributor to Open-source projects like **Apache Airflow**.

EXPERIENCE

SKYSCANNER

Dev, 2021 - Present / London, UK

SENIOR SOFTWARE ENGINEER (BIG DATA)

- Part of the **Data Platform** team, and working on cutting edge big data solutions to enable our Data Analysts and Data Scientists to make sense of revenue data.
- Building **High-Quality Scalable ETL Frameworks** using cutting edge solutions like Databricks, Spark, Airflow and AWS.
- Tech Stack - PySpark, Apache Airflow, Databricks, DeltaLake, AWS

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.
- Building **High-Quality Scalable ETL Frameworks** 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 Volcker2.0 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.
- ref - <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 | MapReduce | Databricks Deltalake | Apache Airflow | Hive | AWS | GCP

SOFTWARE DEVELOPMENT Spring Framework | Oracle | MySQL | 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>