Ashish PATEL

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 github | in linkedin | portfolio

SUMMARY

Experienced Software Engineer with around **6 years** of 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 SOFTWARE ENGINEER (DATA)

• Building High-Quality Scalable ETL Frameworks and Pipelines using cutting edge solutions.
• Also Working as Solutions Architect and helping our customers creating best frameworks to simplify their data pipelines and infrastructure.
• Integrating Different Data Platforms and Warehouses to Prophecy using Scala, Akka and Apache Spark.
• **Tech Stack** - Apache Spark, Apache Airflow, Python, Scala, Databricks, Snowflake, DBT, AWS, GCP, Akka.

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+** Features 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 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.

- **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**