

Koustav Mallick

[Big Data Developer](#) | +91-7980323376 | akostuv@gmail.com | [linkedIn/staticowl](#) |

EDUCATION

B.E || Electronics and Tele-Communication Engineering

Kolkata, IN | 2019

JADAVPUR UNIVERSITY

GPA: 7.73

Coursework: Data Structures and Algorithms; Operating Systems; DBMS

10+2 || WBCHSE

Katwa, IN | 2015

KATWA KASHIRAM DAS INSTITUTION

GPA: 92.6%

10th || WBBSE

Katwa, IN | 2013

KATWA KASHIRAM DAS INSTITUTION

GPA: 93.7%

SKILLS

Languages: Java, Python, Scala, Bash, Shell, SQL(Oracle, MySql), C, C++

FrameWork: Spark, Hadoop, Spring, Maven, Hive,

Technology: Git, GCP, \LaTeX

WORK EXPERIENCE

DEUTSCHE INDIA | ASSOCIATE (BIG DATA)

Pune, IN | Apr 2022 - Present

- Developed a framework that can create **Airflow DAG** based on simple user input, and can be used by any project in the Organisation.
- Developed a **Scala-Spark** based **Decision Making** Framework which can run independently to provide decisions based on conditions of trade data, reducing 8 machine-hours and 12 man-hours on daily basis to 3-5 minutes.

DEUTSCHE INDIA | SENIOR ANALYST (BIG DATA)

Pune, IN | Apr 2020 – Mar 2022

- Designed and developed a **spark-etl framework**, optimising the processing time of more than **100TB of trades data** received daily **from 3 days to approx. 16 mins**
- Automated the report generation pipeline by developing a **spring-boot application** to generate and send day-end pdf reports to specified users, to meet with Regulatory SLA in accordance with Volcker 2.0 Norms. Also created a **User Interface** on top of it to ease user access
- Involved in the **CDP Upgrade Strategy** from v5 to v7 for the complete Volcker project comprising of **100+ repositories** streamlining the **inter-dependency management** using Maven

DEUTSCHE INDIA | TECHNICAL ANALYST (BIG DATA)

Pune, IN | July, 2019 - Mar, 2020

- Developed a etl framework for consolidation of upstream Feed scattered across **40+ different sources to a single ingested CCO feed**
- Created and automated end-to-end testing application using spark-scala and spring boot, saving **approx 80 man-hours a month**
- Worked on **Google Cloud Platform** to plan and migrate our On-Premise Cluster and Jobs to GCP
- Created a **framework to support project allocation** for new-joiners matching their priority, technical skillset and project requirements

PROJECTS

FACE-IT

PYTHON, OPENCV, TENSORFLOW, GCP

Developed a facial recognition tool which can recognise a person by accessing the photos API and send information to the recipient about the person that's present in Google Public Database