

# Koustav Mallick

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## EDUCATION

### B.E || Electronics and Tele-Communication Engineering

JADAVPUR UNIVERSITY

GPA: 7.73

Coursework: Data Structures and Algorithms; Operating Systems; DBMS

Kolkata, IN | May 2019

### 10+2 || WBCHSE

KATWA KASHIRAM DAS INSTITUTION

GPA: 92.6%

Katwa, IN | May 2019

### 10th || WBBSE

KATWA KASHIRAM DAS INSTITUTION

GPA: 93.7%

Katwa, IN | May 2019

## SKILLS

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

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

Technology: Git, GCP, Apache,  $\LaTeX$

## WORK EXPERIENCE

### DEUTSCHE BANK | ASSOCIATE

Pune, IN | Apr 2022 - Present

- Involved in the **Cloud Upgrade to GCP Strategy** for the complete Volcker Project.

### DEUTSCHE BANK | SENIOR ANALYST

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 BANK | TECHNICAL ANALYST

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

### MARTIAN NETWORKS | INTERN & WEB DEVELOPER

Kolkata, India | May 2018 – Jul 2018

- Developed a full-stack internal social-networking website for more than 2000 company employees using Django

## 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