SOURAV DASH

Data Engineer

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EXPERIENCE 3 YR

Data Engineer

JP Morgan Chase

📅 Aug -2020 – Ongoing   📍 Bengaluru, India

- As a member of the AWS migration team, I am contributing to a project that involves on-premise Hadoop ecosystem migration to AWS EKS. My role includes gathering requirements, implementing code changes to integrate AWS resources like Athena, PostgreSQL, Glue, and S3, managing data source and destination changes, and optimizing the code base for enhanced service capabilities and cost-efficiency.
- As a member of the post-trade Reporting and Analytics team, my responsibilities include designing and implementing ingestion flows and ETL pipelines to extract and process essential data pertaining to trades, positions, calls, and profiles. These data sets are utilized for the generation of statements and reports.
- As a member of the Big Data team, I possess hands-on knowledge in utilizing Hadoop in conjunction with Apache Spark, as well as proficiency in utilizing SQL and No SQL databases.
- Have made a end-to-end micro service using spring boot for trade reconciliation service, Here I gathered data from several source systems and accumulate the output as directed by product manager .

Software Engineer Intern

JP Morgan Chase

📅 April 2018 – Jun 2018   📍 Hyderabad, India

- As a intern I have work on end-to-end development of Extraction-Transformation-Loading of Business Data from several data sources with the help of spring boot and Apache drill.
- I had made a GUI with angular-js for representation of Data.

NIT Warangle Alumnus

NIT Warangle

📅 Class of 2020   📍 Warangle, India

- Some courses I fall in love with are Foundation for Problem solving with mathematics, Data Mining & Statistics and Machine learning

🧱 Final Year project

- *real-time emotion detection using k-Nearest Neighbors algorithm* (2020).
- *significance of implication of bias in dataset to reduce over fitting* (2020).
- *synthetic data generation using generative adversarial network (GAN), Here I have build a WGAN model which generate High defination Human faces* (2020).

📄 Research

- "Cost function minimization with different optimization technique" (2019). In: *numpy,python*.
- "Deep Learning Model Design for classification" (2018). In: *numpy,python*.

EDUCATION

Master in Computer Application

National Institute of technology,Warangle

📅 Apr 2017– May 2020

Bsc. in Computer Science and Mathematics

Gangadhar Meher University, Odisha
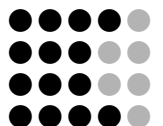
📅 Apr 2013 – Apr 2016

PROFICIENCIES

AWS   Spring   Hadoop
Apache Spark   Micro Service   Hive
Hbase   Apache Kafka   SqlDevloper
Terraform

Algorithm   Data structure
Linear Algebra   Statistic
Machine learning   Deep learning
Convex Optimization   Data Mining

Communication   Git   Unix
Shell Scripting   Agile Methodologies
CI/CD   Jenkins   MS Excel

LANGUAGES

Java	●●●●○
Python	●●●○○
C ++	●●●○○
Terraform	●●●○○

MOST PROUD OF

🏆 **Persistence & Loyalty**
Got first Prize in All India MCA competitive coding & Puzzle solving inaugurated by NIT trichy in year 2019

📈 **My Academic Progress**
from a mediocre high school student to AIR-151 in NIMCET