

# **DEBDEEP BANDYOPADHYAY**

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# **EDUCATION**

# **TECHNO INDIA, SALT LAKE**

B.TECH, ELECTRICAL ENGINEERING

MAKAUT | 2015 - 2019 CGPA: **7.91 / 10** 

# **DAV MODEL SCHOOL**

XII | CBSE | 2013 - 2015 Percentage: **88.83%** 

#### ST. MICHAEL'S SCHOOL

X | ICSE | 2001 - 2013 Percentage: **89.50%** 

## LINKS

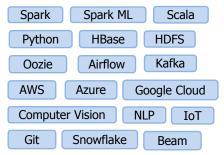
Datacamp:// bandyopadhyaydebdeep

Leetcode:// <u>idebdeep</u> Hackerrank:// <u>dbdeep</u> Github:// <u>dbdeep</u>

# **EXTRACURRICULAR**

- Volunteer Leader, Child Rights And You
- Volunteer, TCS Maitree

# **OTHER SKILLS**



# **CERTIFICATION**

- Product Manager nanodegree, Udacity
- Data Engineering nanodegree, Udacity
- GCP Professional Data Engineer
- GCP Professional ML Engineer
- DP-203 Azure Data Engineer
- DP-100 Azure Data Scientist Clickable badges













# **EXPERIENCE**

## TATA CONSULTANCY SERVICES - DIGITAL CADRE | DATA ENGINEER.

May 2019 - Present | Kolkata, India

#### **CLIENT: Toyota Financial Services**

Jun 2019 - July 2020

- Worked on migrating on-premise Oracle Hyperion Planning and Hyperion
  Financial Management to their cloud versions namely Planning and Budgeting
  Cloud Services (PBCS) and Financial Consolidation and Close Cloud (FCCS).
  Implemented and automated various business rules using Groovy REST API,
  Windows Batch Scripts, EPM Automate & MDX scripts and improved many job
  performance by 2-5x.
- Worked with realtime telematics sensor data received in Azure Event Hub and created Azure Databricks PySpark streaming notebooks for validation, enrichment and processing of JSON data, stored and encrypted the data in Azure Data Lake (ADLS) or Cosmos DB and called Azure Data Factory pipelines from within notebook to segregate the data into Cosmos DB, S3 or ADLS. Also added and improved various exceptions to the notebook.
- Ingested audit, invoice and order data from NAS location and created refined delta tables in Databricks.

#### **CLIENT: Lands' End**

Aug 2020 - Dec 2020

- Handled operations for Digital marketing Data science team. Modified and improved scripts for ingesting data from various API's and generating dynamic promotions, smart pricing, price clarity, suppression, ad-ratio and seo-sitemap feeds written in Spark.
- Created automated Airflow dags for calling these scripts in AWS EMR, Glue and storing the outbound feeds in Redshift or S3.

### **CLIENT: British Telecom**

Jan 2021 - present

- Working in DevOps team for processing various data related to customer mobile platforms and customer subscription services.
- Streamlined various data pre-processing, deduplication, transformations, imputations and joins using Spark, Scala, Shell-Scripts, Hive, Sqoop, Oozie in Cloudera hue and optimized various spark jobs using caching, broadcast joins, data structures and spark conf tuning, repartitioning and vcore optimization.
- Created near realtime event based trigger in oozie for ingesting and processing 80+ inbound feeds and scripted spark jobs for generating various outbound feed like Billing, Bad-debt, Enriched SAP reports, Billed and Unbilled revenue feeds etc.
- Working with solution architects and component designers in identifying various critical points for migrating Big data workloads from Cloudera Hue to Google Cloud Platform. Also built POC using GCP services like Bigquery, Dataproc, Dataflow, Pub-Sub, Cloud Composer and Cloud storage.
- Have extensive knowledge of Dockerized containers and CI/CD pipelines for seamless deployments.

# **AWARDS ACHIEVEMENTS**

- Qualified GATE EE in 2020 with rank 2798 out of 90k candidates.
- Secured various ranks, awards and badges at online coding platforms, hackathons and Tata internal competitions