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
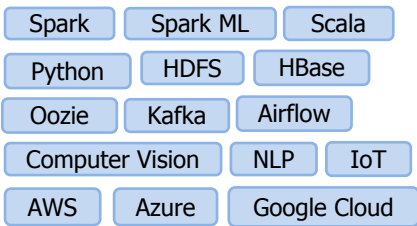Percentage: **89.50%**

LINKS

Datacamp:// bandyopadhyaydebdeep

Leetcode:// idebdeep

Hackerrank:// dbdeep

Github:// dbdeep

EXTRACURRICULAR

- Volunteer Leader, Child Rights And You
- Member of Bengal Moto Wheels

OTHER SKILLS

Spark — Spark ML — Scala
Python — HDFS — HBase
Oozie — Kafka — Airflow
Computer Vision — NLP — IoT
AWS — Azure — Google Cloud
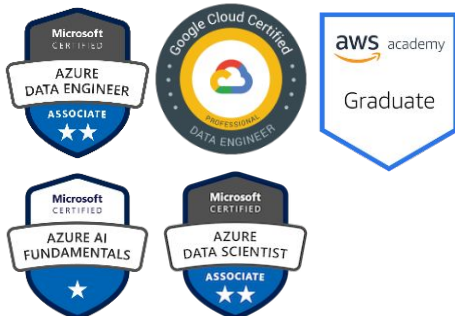
CERTIFICATION

- Product Manager nanodegree, Udacity
- Data Engineering nanodegree, Udacity
- Google Cloud Platform Professional
  Data Engineer
- DP-203 Azure Data Engineer
- DP-100 Azure Data Scientist
- GCP ML Certification (in progress)

Clickable badges

EXPERIENCE

TATA CONSULTANCY SERVICES – DIGITAL CADRE | DATA ENGINEER.

May 2019 - Present | Kolkata, India

CLIENT: Toyota Financial Services

- 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.
- Generated OLAP capex, opex, cash flow, balance sheet, PL ,monthly balancing, depreciation cubes along with currency translation and intercompany elimination.
- Worked with realtime telematics sensor data received in Azure Event Hub and created Azure Databricks PySpark streaming notebooks for decryption and processing of JSON data, stored data in Azure Data Lake (ADLS) and called Azure Data Factory pipelines from within notebook to segregate the data into Cosmos DB, S3 or ADLS. Added and improved various exceptions to the notebook.
- Created automated workflow using Airflow and Python to ingest orders, invoice and audit data from NAS location to ADLS and created Databricks prep, raw and refined delta tables in Azure DataBricks.

CLIENT: British Telecom

- 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 structure and API 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.
- Working on creating Dockerized containers and CI/CD pipelines for seamless deployments.

AWARDS ACHIEVEMENTS

- Qualified GATE CS in 2020 with rank 1798 out of 90k candidates.
- Secured various ranks, awards and badges at online coding platforms, hackathons and Tata internal competitions.