

DEBDEEP BANDYOPADHYAY

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A dedicated, enthusiastic and high performing individual, passionately curious about technology and has got diverse interests in the field of machine learning , fintech , distributed systems and predictive analytics.

EDUCATION

TECHNO MAIN, SALT LAKE

2015-2019

B. Tech Electrical Engineering
Maulana Abul Kalam Azad University of Technology (formerly WBUT)
CGPA : 7.91

DAV MODEL SCHOOL, DURGAPUR

2013-2015

XII (Senior Secondary)
CBSE
Percentage: 88.83% with 92 in Math and 90 in Computer

ST. MICHAEL'S SCHOOL, DURGAPUR

2001-2013

X (Secondary)
ICSE
Percentage: 89.50% with 99 in Math and Computer

EXPERIENCE

TATA CONSULTANCY LIMITED

10.06.2019 – to date

Oracle EPM Developer

- **PROJECT :** Working in an agile project where I implemented many modern techniques including Groovy scripting , REST API in Oracle Planning and Budgeting Cloud Service (PBCS) and Financial Consolidation and Close (FCCS) for artifact migration from on premise to cloud.
- Replaced deprecated VB script for extended analytics with JAVA API in Hyperion Financial Management (HFM) and also worked on different implementation using JAVA API in Essbase.
- Extensive knowledge of working with Oracle Enterprise Data Management Cloud Service (EDMCS), Profitability and Cost Management Cloud (PCM), Batch scripting, MAXL, MDX Scripting and Financial Data Quality Management Enterprise Edition (FDMEE).
- Have an fair understanding of financial consolidations process, currency translations, intercompany eliminations, monthly balancing, depreciation, CapEx, OpEx etc.
- Also worked with ETL tools like Informatica, FDMEE, AWS Glue for data lineage creation.
- **TOOLS USED :** PBCS, EPM ,EDMCS, FDMEE, FCCS,HFM, JAVA, REST API, GROOVY, Python, Jython

RELIANCE JIO

29.07.2018 – 03.09.2018

INTERNSHIP, Data Analysis

- **PROJECT :** What-if and SWOT analysis of 50 SMEs, analyzing data and generating insights.
- **TOOLS USED :** Microsoft Kaizala, Excel, Python

TATA HITACHI , KHARAGPUR

03.01.2018 - 02.02.2018

INTERNSHIP, Design and Development

- **PROJECT :** Design and development of electrical and sensor system of an excavator in CAD
- **TOOLS USED :** NX-Ideas, AutoCAD

ACADEMIC ACTIVITIES AND VOLUNTEER CAUSES

1. Volunteer Leader at an NGO [CRY \(Child Rights And You \)](#)
2. Former Campus Ambassador for [CASIO, DELL](#)
3. Former Sponsorship Committee Head in Departmental Fest [ECCENTRON](#)

PROJECTS

SPARKIFY

- Completed as a part of Udacity Data engineering nanodegree capstone project which involved modelling user activity data for a music streaming app called Sparkify, creating tables and ETL pipeline, in both SQL and NoSQL databases, designed to optimize queries for understanding what songs users are listening.
- Building a cloud data warehouse with an ELT pipeline that extracts data from S3, stages them in Redshift, and models data into star schema for analytics.
- Building a Data Lake for big data ecosystem using an ETL pipeline that extracts data from S3, processes them using Spark, and loads the data back into S3 as a set of dimensional tables
- TOOLS USED** : Postgres, Apache Cassandra, Airflow, Spark, AWS (S3, IAM, VPC, EC2, RDS, Redshift), Python

SENTIMENTAL ANALYSIS OF PRODUCT REVIEWS

- The project involves extracting various features being talked about a particular product, identifying sentiments associated with each features and at the end providing a summary of all reviews listing the pros and cons and customer satisfaction index of the specified product .
- TOOLS USED** : Jupyter notebook, Python packages

PRODUCT RECOMMENDATION ENGINE

- Recommending products similar to a given product using title based similarity and image based similarity.
- TOOLS USED** : Jupyter notebook, Python packages

SMART CAR PARKING

- Academic project on IoT based Car parking system with face recognition and license plate recognition for secure automated parking.
- TOOLS USED** : Arduino, Raspberry Pi, Matlab Cloud API, OpenCV , Jupyter notebook.

ACHIEVEMENTS / CERTIFICATIONS

- Completed Data Science with Python Track Certification from Datacamp , Cloud Computing from NPTEL, IIT Kharagpur with an elite badge and Product Manager nanodegree, Data Engineering nanodegree from Udacity.
- Qualified GATE EE in 2019, GATE CS in 2020 being in top 90th percentile .
- Qualified first stage of TCS coding competition CodeVita and also got PPO, Secured a rank of 51 in Capgemini Tech challenge, received Udacity Bertelsmann challenge scholarship.
- Achieved many badges at online coding events and certificates, awards and distinctions in different olympiads, sports, swimming, quiz, presentation, debates, paintings etc.

LINKS

Datacamp :// [bandyopadhyaydebdeep](#)

HackerRank :// [dbdeep](#)

Techgig :// [debdeepbandyopadhyay](#)

Leetcode :// [botDeep](#)

Github :// [dbdeep](#)

HOBBIES

Workout, Travel, Online Gaming, Sports.

PERSONAL DETAILS

Languages Known : English, Hindi and Bengali

Date of Birth : 15.06.1996

Gender : Male