Abhradeep Chandra Paul

Data Engineer

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SUMMARY

Motivated fresher in data engineering with a passion for building and optimizing data pipelines, processing large datasets, and delivering valuable insights to drive stakeholder value through efficient data solutions.

KEY SKILLS

Data Engineering • **Data Pipeline Optimization** • **Big Data Processing** • **Data Warehousing** • **Database Management (SQL, NoSQL)**

TECHNICAL SKILLS

Languages/Tools/Cloud Platforms: Python | Java | **SQL** | **Hive** | Spark | **Hadoop** | Kafka | **AWS**

Database Technologies: MySQL | **PostgreSQL** | **MS SQL Server** | Oracle | MongoDB | Cassandra

Big Data/CI/CD: Git | Jenkins | Docker | Kubernetes | **Hadoop** | **Spark** | HDFS

Data Warehousing/Other Tools: Redshift | **BigQuery** | **Snowflake** | Airflow | **Power B**I | **Advanced Excel**

EDUCATION

Post Graduate Diploma in Data Science

IIIT Bangalore & upGrad [Feb '24 - Apr '25]

- **Course Modules:**
  - Data Analysis using SQL | Introduction to Python | Introduction to Machine Learning and Linear Regression
  - Time Series Analysis | Telecom Churn Case Study | Lexical Processing | Syntactic Processing
  - Business Problem Assignment | Building Automated Data Pipelines with Oozie/Airflow | Analytics using PySpark

Bachelors in Electronics & Communication Engineering (8.79)

Calcutta Institute of Technology [Aug '20 - Jul '23]

Diploma in Electronics & Telecommunication Engineering (7.2)

Bishnupur Public Institute of Engineering [Aug '16 - Jul '16]

PROJECTS

Loan Default Risk Analysis and Prediction | upGrad | Jun'24

Analyzed loan data to identify factors impacting default risk. Found that higher education, stable income, and long employment reduce default rates, while lower education and certain occupations increase risk. Suggested higher interest rates for high-risk categories and adjusted loan terms based on income and loan amount to mitigate risk and optimize approvals.

Global Movie Audience Analysis for RSVP Movies | upGrad | Jul'24

Conducted a comprehensive SQL analysis of three years of movie data for RSVP Movies to inform their global release strategy. Key insights include focusing on popular genres like Drama, Comedy, and Thriller, collaborating with top production houses like Marvel Studios and Dream Warrior Pictures, and leveraging successful actors and directors for better box office performance. These recommendations aim to optimize audience engagement and boost market success.

Developing a multiple linear regression model to predict demand for shared bikes | upGrad | Aug'24

Developed a multiple linear regression model to predict shared bike demand, identifying temperature, year, and the month of September as key drivers of demand. The model highlights that warmer weather and seasonal trends significantly increase bike usage, while holidays and wind speed negatively impact it. These insights help management optimize strategies and forecast demand for new markets.

Certificate

- [The complete Python Bootcamp | Udemy](#)

Language

- English - Professional Proficiency | Hindi - Professional Proficiency | Bengali - Native Language