

Rownab Das Gupta

Data Engineer

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My Portfolio: [Hosted Website Link](#)

LinkedIn: [linkedin.com/in/rownabdasgupta/](https://www.linkedin.com/in/rownabdasgupta/)

Leetcode: leetcode.com/RownabDasGupta/

GeeksForGeeks: [/rownabdg2023gfg/](https://www.geeksforgeeks.org/rownabdg2023gfg/)

GitHub: github.com/RownabDasGupta

Objective

Experienced Data Engineer with **4 years** of expertise in designing, building, optimizing robust data pipelines for migration, transformation, and validation. Worked in **PySpark, AWS, SQL, Python, Spark, Big Data** etc. to drive data-driven solutions. Proven success in leading critical projects, with data accuracy, performance tuning. Skilled in **Agile methodologies, Jira** for task management, and **GitHub** for code submission. Passionate about leveraging data to solve complex challenges, I am committed to continuous learning and innovation.

Experience

1. HCLTech Hyderabad
Data Engineer Jan 2022 to Oct 2024

- **Client Name: DBS Bank.**
- **Project Name:** SAS to PySpark Data Migration Project.
- **Tech: PySpark, AWS** (S3, EC2, Lambda, IAM, CLI etc.), **Airflow, Python, SQL, GitHub.**
- **SAS** Data Migration by developed end-to-end data pipelines in **Cloudera** using PySpark, SQL.
- Use **AWS** to get and upload the result data-set after validated and **optimized data pipelines.**
- Collaborated with clients for data validation and **100% robust solutions.**
- Collaborated with database administrators to fine-tune performance.
- Used **GitHub** to commit the final **production ready code.**
- Used **Agile** methodology with **JIRA.**

2. Amazon Bangalore
Process Associate Nov 2020 to Jan 2022

- Meeting targets with **0 errors** in a team of **76 people** that helped me to become **Team Player & Quick Learner.**
- Identify issues to drive optimal **workflow** and business **growth** while working in UK, Germany, France, Italy and Spain regions.

Education

Asansol Engineering College (AEC) West Bengal
B.Tech - Electrical Engineering Grad - 2020

Paikar High School West Bengal
12th 2015

Paikar High School West Bengal
10th 2013

Technical Skills

- **Languages:** Python, SQL, Java, C.
- **Area of Interest:** Data Engineering, **ETL/ELT**, OOPs, Data Structures and Algorithms (**DSA**), RDBMS, DBMS.
- **Tech:** PySpark, AWS, Big data, Airflow, Spark, Databricks, Git, MySQL, GitHub, REST APIs.
- **IDE Used:** VS Code, Jupyter Notebook, MySQL Workbench, PyCharm, etc.

Certificates & Achievements

1. **475+ DSA** questions solved in **Leetcode & GFG.**
2. **Three 5 Star** (DSA + Java + SQL) in **HackerRank** ([hackerrank.com/rownabdg2023gfg/](https://www.hackerrank.com/rownabdg2023gfg/)).
3. 12 Weeks JAVA - NPTEL Online Certification (**IIT Kharagpur**).
4. CSS Certification.

Projects

1. CRICKET DATA ANALYSIS – ETL Project

Sept – Oct 2024

- **Tech stack:** Spark, AWS S3, SQL, PySpark
- **IDE:** Databricks.
- Extracted the data from .csv file, stored AWS S3/DBFS using Spark & PySpark.
- Defining the relation between them and transform them using SQL to valuable insights.
- Finally visualize the filtered data using Python & Pandas (Matplotlib)

GitHub: [CRICKET DATA ANALYSIS-S3 Spark Databricks-ETL/](#)

2. Play Store Data Analysis - ETL Project

Nov – Dec 2024

- **Tech stack:** PySpark, SQL.
- **IDE:** Databricks, Jupyter Notebook.
- Loaded two .csv files to DBFS and created dataframes.
- Extracted meaningful insights by PySpark and SQL to analyze and understand the trend.

GitHub: [Play Store Data Analysis-PySpark SQL-ETL/](#)