



Prasenjit Das

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Results-driven BI Analyst and Data Engineer with over 4 years of experience in turning complex data challenges into actionable insights. Proficient in Python, SQL, Tableau, ETL, and data warehousing, with hands-on experience in machine learning and software engineering. Driven by curiosity and a strong sense of ownership, I work seamlessly with cross-functional teams to transform business needs into scalable solutions.

WORK EXPERIENCE

2023/03 – Present

Associate Manager, Data Analytics & Engineering | BRAC Bank PLC

Key Achievements

- Led the team in integrating Oracle Data Integrator (ODI) for the ETL process, replacing the old legacy system to enhance efficiency.
- Developed Campaign Management Tool (CMT) that can calculate and disburse reward points and cashback in near real time and monitor overall campaign success. Previously, rewards were disbursed after the campaign period ended.

Major Responsibilities

- Develop and maintain ETL pipeline to integrate data into Data Warehouse from systems like CBS, IRIS, CARDPRO, FSS, CyberSource, UBA, etc.
- Develop Power BI dashboards and maintain the server, facilitating data-driven decision-making and business intelligence.
- Provide analytical support for strategic decision making and business growth.

2022/12 – 2023/03

Business Intelligence Analyst | foodpanda Bangladesh

Major Responsibilities

- Collaborated with cross-functional teams to define KPIs and deliver actionable insights through Tableau dashboards and BigQuery-based analysis.
- Analyzed high-volume datasets to uncover trends and inform strategic decision-making, enhancing campaign effectiveness.
- Leveraged business intelligence tools to generate data-driven recommendations that supported operational growth.

2022/10 – 2022/12

Senior Software Engineer | Kovair Software

2021/05 – 2022/09

Software Engineer | Kovair Software

Major Responsibilities

- Led a team of brilliant software engineers in developing [Raspberry ERP](#) for Indian fertilizer companies. This ERP solution delivers end-to-end modules for warehouse operations, inventory control, audit scheduling, and supply chain planning.
- Designed and optimized ETL workflows using MS SQL Server and SSIS. Implemented business logic through stored procedures and performance-tuned T-SQL scripts.
- Built dashboards tailored to business needs, enabling data-driven decisions across stock reconciliation, audit compliance, demand forecasting, and dispatch planning.

EDUCATION

2025

Master of Science in Computer Science

BRAC University | Current CGPA: 3.85 | Expected Graduation Date: December 2025

2020

Bachelor of Science in Computer Science

BRAC University | CGPA: 3.69 | Thesis: Machine Learning & Black Swan Events
Supervisor: Prof. Mahbubul Alam Majumdar

AWARDS & ACHIEVEMENTS

2022/08

2nd Runners-up at Robi Datathon 2.0

Task: Solving business problems using Big Data, Machine Learning, and Data Science tools and techniques.

2022/04

Certification on Fundamental IT Engineer Examination

An examination designed to assess IT knowledge and skills, covering a wide range of topics such as algorithms, networking, databases, information security, etc.

Institution: Information-technology Promotion Agency (IPA), Japan

2019/01

2nd Runners-up at - BUET Robo Carnival 2019

Project: Able - A complete learning solution for visually impaired people.

PUBLICATIONS

2022/09

"Decentralized Neural Network Based Collaborative Filtering For Privacy Concern Recommendation Systems," *2022 IEEE 10th Region 10 Humanitarian Technology Conference (R10-HTC)*, 2022, pp. 432-437, doi: [10.1109/R10-HTC54060.2022.9929681](https://doi.org/10.1109/R10-HTC54060.2022.9929681)

2022/12

"K Nearest Neighbour Collaborative Filtering for Expertise Recommendation Systems," *Distributed Computing and Artificial Intelligence, 19th International Conference. DCAI 2022. Lecture Notes in Networks and Systems*, vol 583, pp 187–196, doi: [10.1007/978-3-031-20859-1_19](https://doi.org/10.1007/978-3-031-20859-1_19)

TRAINING & WORKSHOPS

2017/09 – 2018/03

LICT TOP-UP IT Training for Java

Java Core, J2EE, JavaFX, Java Servlet, Web Socket, JDBC, Restful API, JSON, XML

2019/12 – 2020/12

Training on Software Development Lifecycle with Kovair Soft. Inc

SDLC, Requirement Engineering, System design and analysis

SKILLS

Programming

• SQL (BigQuery, Oracle, MS SQL Server, PostgreSQL, MySQL), Python, Java

BI & Reporting

• Tableau, Power BI, Google Data Studio

Data Engineering

• ETL (ODI, SSIS, Airflow), Data Warehousing, Data Modeling, PL/SQL, T-SQL

Other Skills

• Big Data analysis & management (Hadoop, Apache Spark)
• Machine learning & Deep Learning (Regression, SVM, RNN, CNN, Time Series Analysis)
• Storytelling using Data, Data-driven decision-making
• OOP, SDLC, Requirement Engineering, System Design & Analysis
• LaTeX, Git & GitHub, CI/CD, Shell Command & Scripting

CERTIFICATION & ONLINE COURSES

2022/10

• Google Data Analytics (8 Courses) – Coursera (2022/10) • Deep Learning Specialization (5 Courses) – Coursera (2019/05) • Introduction to Big Data and Hadoop – BdREN (2020/05) • Amateur Radio Service Examination – BTRC (2018/12) • Introduction to Git and Github by Google – Coursera (2019/04) • HTML, CSS, and Javascript for Web Developers – Coursera (2021/03) • Introduction to Python, Intermediate Python – Datacamp (2018/07) • AT&T Summer Learning Academy Extern – AT&T (2020/06)

EXTRA CURRICULAR ACTIVITIES

Volunteer Work

• Former Senior Executive at BRAC University Computer Club (BUCC)
• Former Junior Executive at BRAC University Electrical and Electronic Club (BUEEC)
• (2018), Data Entry Operator for Bangladesh Chars Tobacco Assessment Project (CTAP). This project was funded by Bangladesh Center for Communication Programs (BCCP) as part of the Johns Hopkins Bloomberg Initiative, and BRAC University.
• (2017), Fundraising and distribution among flood-affected people in Dinajpur district as part of BUEEC.

CORE STRENGTHS

• Can adapt to new things quickly
• Positive attitude, Respect others, Teamwork, Ownership
• Logical Thinking, Punctuality, Effective Communication

LANGUAGE PROFICIENCY

• Bangla (Native) • English (Fluent)

INTERESTS

• Amateur Radio • Travelling • Volunteer Work • Book Reading • Experiment with different tech tools • Gardening • Social Work • Teaching • Marathon