

PRASENJIT DAS

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PROFILE STATEMENT

Results-driven BI Analyst and Data Engineer with over 4 years of experience in turning complex data challenges into actionable insights. Driven by curiosity and a strong sense of ownership, I work seamlessly with cross-functional teams to transform business needs into scalable solutions.

EXPERIENCE

Associate Manager, Data Analytics & Engineering

Mar 2023 – Present

BRAC Bank PLC

Dhaka, Bangladesh

- **Designed and launched an in-house Campaign Management Tool (CMT)** to fully automate customer reward calculation and distribution (cashback, bonus points, digital rewards, annual fee waivers). This is a significant shift from end-of-campaign manual processing to instant settlement upon eligible transactions.
- **Integrated Oracle Data Integrator (ODI)** to replace the legacy system, streamlining multi-source ingestion and improving data transition speed from source systems to the Data Warehouse by **at least 30%**.
- Developed and deployed multiple enterprise-grade Power BI dashboards with role-based security and automated refresh schedules, eliminating repetitive manual reporting and saving **at least 25%** in team work-hours.

Business Intelligence Analyst

Dec 2022 – Mar 2023

Foodpanda Bangladesh

Dhaka, Bangladesh

- Partnered with cross-functional teams (marketing, ops, finance) to **define KPIs** and deliver scalable, self-service Tableau dashboards powered by BigQuery, enabling **real-time performance tracking** and decision-making.
- Conducted deep-dive analysis of high-volume order and campaign data to uncover actionable trends, optimize promotional spend, and improve targeting, resulting in a **15% uplift in campaign ROI** across key segments.

Senior Software Engineer

Oct 2022 – Dec 2022

Kovair Software

Dhaka, Bangladesh

- **Led end-to-end development of *Raspberry ERP*** for large-scale warehouse, inventory, audit, and supply-chain operations across Indian fertilizer firms, managing cross-functional teams and aligning with client workflows.
- Designed **backend data workflows** and RESTful APIs to enable real-time inventory tracking, audit trail generation, and seamless integration with ERP modules, enhancing operational accuracy and system reliability.

Software Engineer

May 2021 – Sep 2022

Kovair Software

Dhaka, Bangladesh

- **Optimized ETL workflows** using MS SQL Server and SSIS, **reducing batch run time by 30%** and enhancing reliability of reconciliation and compliance reporting through robust data validation and error handling.
- **Built custom T-SQL stored procedures and tuned queries for faster access** to inventory, audit, and forecasting datasets; developed role-specific dashboards for reconciliation, compliance, and dispatch planning.

TECHNICAL SKILLS

- **Programming Language:** Python, Java, SQL, PL/SQL, T-SQL, BigQuery, Shell Scripting, Latex
- **Tools and Techniques:** ODI, SSIS, Airflow, Spark, Tableau, Power BI, Google Data Studio, NumPy, Pandas, PyTorch, TensorFlow, Keras, Scikit-learn, Git & GitHub
- **Concepts and Architectures:** RAG, LLM, Agentic AI, Deep Learning, OOP, SDLC, Requirement Engineering, System Design & Analysis, Data Warehousing, Data Modeling, ETL/ELT, Business Intelligence, CI/CD

EDUCATION

BRAC University

Dhaka, Bangladesh

Master of Science in Computer Science, CGPA: 3.85

2025

BRAC University

Dhaka, Bangladesh

Bachelor of Science in Computer Science, CGPA: 3.69

2020

AWARDS AND ACHIEVEMENTS

2nd Runners-up at Robi Datathon 2.0

Aug 2022

- Competition to solve business problems using Big Data, Machine Learning, and Data Science tools and techniques.

Certification on Fundamental IT Engineer Examination

Apr 2022

- A benchmark for assessing IT knowledge and competencies by Information-technology Promotion Agency (IPA), Japan.

2nd Runners-up at - BUET Robo Carnival

Jan 2019

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

Dean's List — Outstanding Academic Performance

May 2017

- Recognised for exceptional academic achievement, earning placement on the List for consistent scholarly excellence.

BRAC Scholarship — Full Tuition Award

Sep 2016

- Earned this competitive scholarship from BRAC, the world's largest NGO, covering 100% of undergraduate tuition.

RESEARCH PROJECTS

- *Decentralized Neural Network Based Collaborative Filtering For Privacy Concern Recommendation Systems*
Publication: IEEE R10-HTC 2022, [Link](#)
- *K Nearest Neighbour Collaborative Filtering for Expertise Recommendation Systems*
Publication: DCAI 2022, [Link](#)

INTERESTS

- Exploring advancements in the field of Artificial Intelligence. Promoting secure, sustainable, and ethical AI.
- Mentoring aspiring professionals and contributing to open-source projects.
- Actively seeking research and innovation opportunities at the intersection of Ethical AI, Data Science, and Big Data.

TRAINING AND WORKSHOPS

LICT TOP-UP IT Training for Java Sep 2017 - Mar 2018

- Leveraging ICT for Growth, Employment, and Governance is a project of the Bangladesh Computer Council under the Ministry of ICT. The project was funded jointly by the World Bank and the Government of Bangladesh.

Training on Software Development Lifecycle with Kovair Soft. Inc Dec 2019 - Dec 2020

- Fully funded training on SDLC, OOP, Requirement Engineering, and System design.

VOLUNTEERING

- (2018), Data Entry Operator for Bangladesh **Chars Tobacco Assessment Project (CTAP)**. This project was funded by the Bangladesh Center for Communication Programs (BCCP) as part of the **Johns Hopkins Bloomberg Initiative** and BRAC University. [Link](#)
- (2017), Fundraising and distribution among flood-affected people in Dinajpur district as part of BRAC University Electrical and Electronic Club (BUEEC). [Link](#)

ONLINE COURSES AND CERTIFICATION

- *Introduction to Apache Airflow in Python* – DataCamp (2025/08) – [Link](#)
- *Google Data Analytics (8 Courses)* – Coursera (2022/10) – [Link](#)
- *Introduction to Big Data and Hadoop* – BdREN (2020/05) – [Link](#)
- *Deep Learning Specialization (8 Courses)* – Coursera (2019/05) – [Link](#)
- *Introduction to Git and Github by Google* – Coursera (2019/04) – [Link](#)