

Sarker Toufique-E-Elahi

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EXPERIENCE

FINTECH HUB LTD | SOFTWARE ENGINEER

September 2024 - Present | Dhaka, Bangladesh

- Engineered robust ETL pipelines using SSIS and SSAS to extract, transform, and model critical financial data from disparate Oracle and MS SQL Server databases
- Architected and developed high-performance, scalable RESTful APIs using a range of Python frameworks, including Django, Flask, and FastAPI, to power robust backend systems.

FINTECH HUB LTD | JUNIOR SOFTWARE ENGINEER

July 2024 - August 2024 | Dhaka, Bangladesh

- Developed and deployed interactive Power BI dashboards to visualize deposit and loan trends, enabling stakeholders to monitor portfolio performance across products, sectors, and customer demographics.
- Delivered in-depth data analysis that provided actionable insights into customer behavior and product performance, directly supporting the NBF's strategic decision-making process.

LEADS CORPORATION | JUNIOR SOFTWARE ENGINEER

November 2022 - June 2024 | Dhaka, Bangladesh

- Collaborated directly with clients to understand business challenges and translate their questions into specific data analysis requirements.
- Architected and built scalable ETL workflows to populate data warehouses, preparing and cleansing complex datasets for analysis.
- Presented data-driven solutions to key stakeholders using visualization tools, effectively communicating insights that resolved their core business questions.

LEADS CORPORATION | INTERN

August 2022 - October 2022 | Dhaka, Bangladesh

- Applied core principles of Multi-Dimensional Logical Data Models (MDLDM) to design efficient data warehouse schemas and build automated data pipelines using industry-standard ETL tools.

PROJECTS

CASH FLOW ANALYTICS

- Architected a comprehensive cash flow analytics solution to consolidate and visualize financial transactions from numerous bank branches, improving liquidity management.
- Designed dynamic dashboards that empowered branch managers with real-time insights into cash positions, helping to identify trends, forecast needs, and optimize operational efficiency.

DEPOSIT AND LOAN ANALYTICS

- Developed a comprehensive business intelligence solution for a leading Non-Banking Financial Institute (NBF) to provide on-demand analysis of its core loan and deposit portfolios. The project involved architecting a data pipeline using SSIS/SSAS to consolidate data from Oracle and MS SQL Server. The final deliverable was a suite of dynamic Power BI dashboards that provided granular insights across product, sector, and customer demographics, enabling data-driven strategic planning.

EDUCATION

AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH

BACHELOR OF SCIENCE IN
COMPUTER SCIENCE AND
ENGINEERING

October, 2021 | Dhaka, Bangladesh
Summa Cum Laude Distinction

Dean's List

Cum. GPA: 3.96/4.00

DHAKA COLLEGE

SCIENCE

2016 | Dhaka, Bangladesh

Cum. GPA: 5.00/5.00

SKILLS

BUSINESS INTELLIGENCE

Data Engineering:

Data Warehousing • ETL Development

• Data Modeling (MDLDM)

Data Visualization:

Power BI • Tableau

BI Tools:

Microsoft BI Stack (SSIS, SSAS) • Google

Cloud Platform (BigQuery)

BACKEND DEVELOPMENT

Languages & Frameworks:

Python • Django & DRF • Flask • FastAPI

Databases & ORMs:

PostgreSQL • MySQL • Redis •

SQLAlchemy • Django ORM

APIs & DevOps:

RESTful API Design • Docker • Postman

• Gunicorn & Uvicorn

SOFT

Adaptability, Strong Work Ethic,

Listening, Interpersonal

Communication, Collaboration,

Self-management

LANGUAGE

Proficient in speaking, reading, writing,
and listening in English and Bengali

LINKS

Github: [Toufique-E-Elahi](#)

LinkedIn: [toufique-elahi](#)