Arafat Hossain Ankon

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Career Objective

Aspiring Data Scientist and Software Engineer with a strong foundation in software development and data analytics, aiming to apply my skills to support the International Affairs department in fostering global collaboration. Dedicated to using technology and data-driven solutions to improve processes, enhance cross-cultural engagement, and contribute to DIU's international initiatives while advancing my professional growth in a dynamic environment.

EDUCATION

2021 – 2025

DAFFODIL INTERNATIONAL UNIVERSITY (DIU)
Bachelor of Science in Software Engineering (Major in Data Science)
CGPA: 3.92 out of 4.00

2020

Milestone College
Higher Secondary School Certificate (H.S.C)
GPA: 5.00 out of 5.00

2018

Rani Bilas Moni GOVT. Boys HIGH SCHOOL
Secondary School Certificate (S.S.C)
GPA: 5.00 out of 5.00

Projects

02/2025

E-Commerce Sales & Customer Analysis using Power BI ◈ Github

Designed and developed an interactive Power BI dashboard to provide real-time insights into e-commerce performance. **Utilized DAX** (Data Analysis Expressions) to create custom calculations and measures for key metrics, including customer behavior, sales trends, and product performance. The dashboard tracks growth trends, payment methods, customer segmentation, and geographical insights. Dynamic visualizations allow for deep analysis of data, enabling business decision-makers to make informed, data-driven decisions to optimize operations and improve customer retention.

10/2024 – On Going

Automatic Portfolio Website Builder ▶ Demo

This project is about creating an **intuitive web application** that allows users to effortlessly design personalized portfolio websites. It features a user-friendly interface where users can select from various design templates and fill out an adaptive form tailored to their chosen design. A key functionality is the **one-click publishing feature**, enabling seamless deployment of the websites to hosting platforms. Modern web technologies, including **HTML, CSS, and JavaScript**, were utilized to ensure a responsive design. The project also involved conducting user testing and gathering feedback to enhance overall user experience, while focusing on scalability and maintainability for future enhancements.

09/2024   **Customer Churn Analysis using Python** ◈ Github

This project focuses on analyzing customer churn patterns through a dataset of 7,043 customer
records to identify key factors influencing churn and provide insights for **improving customer retention strategies.**

Key Steps:

- Cleaned the dataset and performed Exploratory Data Analysis (EDA) using Pandas, Matplotlib, and Seaborn.
- Analyzed key fields such as Churn, Tenure, SeniorCitizen status, InternetService type, and PaymentMethod.
  Found a churn rate of 26.54%, with senior citizens 41.7% more likely to churn.
- Found that customers with fiber optic internet and those on month-to-month contracts exhibited higher churn rates.

TECHNICAL SKILLS

	Highly Proficient	Proficient	Familiar
Languages/Frameworks	Python, HTML, CSS, C, SQL	Flutter, JavaScript	Dart
Tools	Jupyter Notebook, Google Collab, MS Excel	Google Analytics, Microsoft Power BI	Matlab, SPSS
Other tools	Canva, Google Docs, Google Sheets, MS Word, MS Powerpoint,	Semrush	Capcut

ACHIEVEMENTS

- Awardee, Talent Hunt Scholarship with 100% waiver at Daffodil International University
- Achieved a CGPA of 4.00/4.00 for three consecutive semesters in the Bachelor of Science in Software Engineering program.

HOBBIES

- Hiking
- Travelling
- Volunteering

REFERENCES

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