Arafat Hossain Ankon

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Career Objective

I'm a dedicated AI enthusiast with experience in building intelligent, AI-powered solutions. Adaptable and detail-oriented, I stay up-to-date with the latest in machine learning and NLP. My goal is to create impactful AI tools that address real-world challenges and drive meaningful outcomes.

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

04/2025 CV-Tutor - Resume and Job Application Assistant **(b)** Github

CV-Tutor is an intuitive web application designed to streamline the job application process for job seekers. The platform allows users to upload their resumes and job descriptions, receiving tailored suggestions for skills, projects, and improvements. Key features include automated cover letter drafting, email generation, and interview question creation. Users can also view detailed analysis of how their resume matches specific job descriptions. The application uses modern web technologies such as HTML, CSS, and JavaScript for a responsive and interactive user experience, while the backend is powered by Python and Flask, enabling seamless file uploads and processing. This project emphasizes user-friendly design, scalability, and the potential for future enhancements based on user feedback.

02/2025 Mail Mentor - Smart Email Reply Generator 🏵 Github

Developed a full-stack web application using Google Generative AI (Gemini 1.5 Flash) to generate context-aware, tone-specific email replies (Professional, Casual, Friendly). Integrated SMTP functionality with Gmail to enable direct email delivery from the interface. Key features include editable AI-generated responses, automatic subject line extraction, loading animations, and a responsive landing page for user onboarding.

Technologies: FastAPI, Google Generative AI (Gemini), JavaScript, HTML/CSS, SMTP.

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,
- 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	Python, HTML, CSS, C, SQL	Flutter, JavaScript	Dart
Tools	Jupyter Notebook, Google Collab, MS Excel	Google Analytics, Microsoft Power Bl	Matlab, SPSS
Other tools	Canva, Google Docs, Google Sheets, MS Word, MS Powerpoint	Semrush	Capcut

ACHIEVEMENTS



Finalist, DIU 3 Minute Thesis Competition, 2025



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

Dr. Imran Mahmud

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