

Apurba Halder

Dhaka, Bangladesh

+8801998455823

Email

LinkedIn

Github

Portfolio Website

Profile Summary

Passionate Data Scientist with a B.Sc. in Computer Science and specialization in Artificial Intelligence. Currently pursuing a Postgraduate Diploma in Data Science and completing an advanced online program. Skilled in machine learning, data visualization, and web scraping, with a strong focus on turning data into actionable insights.

Education

B.Sc. Engg in Computer Science and Engineering

Bangladesh University of Business and Technology (BUBT)

Feb, 2020 - Feb, 2024

CGPA 3.36/4.00

Post Graduate Diploma in Data Science

United International University (UIU)

Apr, 2025 - Running

CGPA 4.00/4.00

Experience

Operations Analyst (RCM)

Commure + Athelas (Augmedix Bangladesh)

Full Time On-Site

August, 2025 - Running

- Analyze large-scale financial and healthcare transaction data.
- Write and optimize SQL queries to identify, validate, and resolve transactions across Normandy databases.
- Develop and enhance Python automation scripts and Retool workflows to reduce manual effort.
- Collaborate with engineering teams to identify and resolve automation bugs.
- Work closely with U.S.-based teams to streamline financial operations, ensure accurate disbursement tracking, and support continuous process improvements.

Health Care Expert

SeekMed Care

Full Time Remote

March, 2024 - December, 2024

- Managed and maintained large volumes of patient data using Excel.
- Assisted with medical documentation and optimized patient lead management
- Coordinated communication between patients and hospital teams.

Technical Skills

Programming Languages: Python, C

Data Science & Machine Learning : Numpy, Pandas, Scikit-learn, Tensorflow

Data Visualization: Matplotlib, Plotly, Seaborn, Tableau, PowerBI, Retool

Database: MySQL, Amazon RDS, Normandy, Retool

Frontend Development: HTML, CSS, React, Tailwind CSS

Backend & Web Frameworks: Flask, Streamlit, FastAPI, Docker

Automation / Scraping: Selenium, BeautifulSoup, Scrapy

Projects

Potato Disease Classification of Leaves Using Deep Learning

(GitHub)

- Deep Learning-Based Disease Classification:** This project utilizes deep learning models to accurately classify potato leaf diseases into three categories—Potato Early Blight, Potato Late Blight, and Potato Healthy—using a curated dataset of 3,000 images from Kaggle.
- Enhancing Agricultural Productivity:** By enabling early detection and precise identification of potato diseases, this study contributes to improved crop management, ultimately supporting global food security and sustainable agriculture.

Awards & Achievements

Beast Award – Level 1: NESSIE from Commure + Athelas (Augmedix Bangladesh)

Awarded: Q3 2025

Recognized for exceptional ownership and performance in streamlining the end-to-end check posting process and achieving top productivity metrics. Acknowledged by the U.S. team for exceeding targets and developing a compounded application to improve task turnaround time. Also Developed a productivity tracking application enabling real-time performance, trend visualization, and daily progress monitoring for the RCM team.

Workshop

AI Career Management: Skills, Trends, and Opportunities by BUBT and Nokkhotro.Space

(Certificate)

February, 2025

Relevant Courses

Data Science Mentorship Program 2.0 by CampusX

(CampusX)

Enrolled Time: November 2024 - Running

Data Scientist in Python by Datacamp

(Certificate)

Completed: Sep 23, 2025

Associate Data Scientist in Python by Datacamp

(Certificate)

Completed: Sep 07, 2025

Data Analyst in Python by Datacamp

(Certificate)

Completed: July 20, 2025

Python Data Fundamentals by Datacamp

(Certificate)

Completed: July 20, 2025

Ultimate Web Scraping for Data Science by CampusX

(Certificate)

Completed: May 21, 2025