Apurba Halder

Dhaka, Bangladesh

📞 +8801998455823   ✉ Email   in 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	Feb, 2020 - Feb, 2024
Bangladesh University of Business and Technology (BUBT)	CGPA 3.36/4.00
Post Graduate Diploma in Data Science	Apr, 2025 - Dec, 2025
United International University (UIU)	CGPA 4.00/4.00

Experience

Operations Analyst (RCM) — Full Time On-Site
Commure + Athelas (Augmedix Bangladesh) — 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 — Full Time Remote
SeekMed Care — 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

Despite his short tenure, Apurba has been adhering to the company culture very well, collaborating with other teams as well as his own team members. He has been instrumental in offering innovative solutions to automation scopes as well as debugging of processes. He has also helped out the postings team by fixing a few issues in the tasking retool, which was appreciated by the Posting US POC. (Certificate)

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