

Apurba Halder

Dhaka, Bangladesh

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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) <ul style="list-style-type: none">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.	Full Time On-Site August, 2025 - Running
Health Care Expert SeekMed Care <ul style="list-style-type: none">Managed and maintained large volumes of patient data using Excel.Assisted with medical documentation and optimized patient lead managementCoordinated communication between patients and hospital teams.	Full Time Remote March, 2024 - December, 2024

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 <ul style="list-style-type: none">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.	(GitHub)
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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 February, 2025	(Certificate)
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Relevant Courses

Data Science Mentorship Program 2.0 by CampusX Enrolled Time: November 2024 - Running	(CampusX)
Data Scientist in Python by Datacamp Completed: Sep 23, 2025	(Certificate)
Associate Data Scientist in Python by Datacamp Completed: Sep 07, 2025	(Certificate)
Data Analyst in Python by Datacamp Completed: July 20, 2025	(Certificate)
Python Data Fundamentals by Datacamp Completed: July 20, 2025	(Certificate)
Ultimate Web Scraping for Data Science by CampusX Completed: May 21, 2025	(Certificate)