Md. Sahid

Data Analyst | Computer Science and Engineering Student

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SUMMARY

Motivated and detail-oriented **Data Analyst** skilled in Python, Power BI, MySQL and Excel for transforming data into actionable insights. Experienced in collecting, analyzing, and visualizing datasets to support data-driven decision-making. Strong background in computer science, machine learning, and business analytics. Committed to using analytical thinking and collaboration to drive organizational growth and efficiency.

KEY SKILLS

Programming Languages: C, Python (NumPy, Matplotlib, Pandas, Seaborn), Java.
Machine Learning & Data Science: Scikit-learn, PyTorch, KERAS, TensorFlow, OpenCV.
Visualization Tools: Power BI, Tableau, Plotly, infogram. | **Database:** MySQL, PostgreSQL, MongoDB.
Web Tools: HTML, CSS, JavaScript, PHP, Bootstrap. | **Tools:** Microsoft Office, LaTeX, MATLAB, AutoCAD, IoT.

EDUCATION

B.Sc. in Computer Science and Engineering   Feb 2022 – Present
Green University of Bangladesh, Dhaka   CGPA: 3.33/4.00 (In Progress)

Higher Secondary Certificate (HSC)   2018 – 2020
Science | Faridganj Govt. Degree College, Chandpur

WORK/RESEARCH EXPERIENCE

Undergraduate Research Thesis | Green University of Bangladesh   Feb 2025 – Present
AI-Driven System for Forecasting Rice Variety Sustainability and Recommending Genetic Improvements in the Context of Climate Change.
Supervisor: [Md. Solaiman Mia], Assistant Professor, Green University of Bangladesh.

- Developed machine learning models integrating climate and genomic data to predict rice sustainability.

- Enhanced predictive model accuracy by **15%** through hyperparameter tuning and data preprocessing.

Organizing Secretary | BASIS Students' Forum, GUB Chapter   Jun 2025 – Present

- Managed and executed student development programs with **100+ participants**.

- Strengthened communication and planning between faculty and student committees.

PROJECTS

- **Amazon Sales Analysis Dashboard (Power BI)** — Created interactive dashboards to analyze sales data and product performance, improving decision-making by **25%**. [GitHub]

- **E-Commerce Annual Sales Dashboard (Excel BI Report)** — Automated Excel reports tracking KPIs, reducing reporting time by **40%**. [GitHub]

- **Bangladesh Future Rainfall Prediction (RNN-LSTM)** — Developed a deep learning model predicting rainfall trends, achieving **15% higher accuracy**. [GitHub]

- **Smart Toll System (Java, Java-Swing, MySQL)** — Built an automated toll collection application, reducing queue time by **50%**. [GitHub]

- **Prottay Islami Pathagar (HTML, CSS, JS)** — Non-profit organization website promoting education and community aid. [GitHub], [Live]

- **Automatic Home Controller (IoT, ESP8266)** — Engineered a smart home automation system controllable via Wi-Fi and mobile app.

CERTIFICATIONS

- Data Analyst Job-Ready Bootcamp – Data Solution 360 (Ongoing)

- Advanced Python (Django) – IIT, JU | EDGE | BCC, ICT Division (Completed)

- Robotics Camp 2024 – Roboment R&D Lab, Gazipur (Completed)

- Green Start-Ups Program – Future Nation & UNDP Bangladesh (Completed)

LEADERSHIP & VOLUNTEERING

Scholarship Exam Management Team| Sopner Faridganj   2024 – Present
- Assist in organizing and coordinating scholarship examinations to ensure smooth operations.
- Support registration, documentation, and communication for efficient exam management.

Campus Volunteer at Green University | As-Sunnah Foundation   2023 – Present
- Worked on humanitarian, educational, and social welfare projects.
- Assisted in relief operations and charitable activities for the underprivileged.

Weather Reporter | Bangladesh Weather Observation Team (BWOT)   2022 – Present
- Monitor and report accurate local weather data, including temperature, rainfall, and wind conditions.
- Contribute to regional weather analysis and public awareness initiatives through timely data sharing.

Founding Member | Faridganj Govt. College Blood Donation Club   2020 – Present
- Organized **5+ blood donation campaigns** supporting over **500 recipients**.
- Conducted awareness programs and coordinated volunteer activities.

Judge & Program Manager | Youth Festival 2025, Ministry of Youth and Sports   2025
- Managed an event with **200+ participants** and evaluated **20+ submissions**.

Lead Member, Sponsorship Management | GUB CSE Carnival 2024   2024
- Secured **2 major sponsors** through 50+ emails and 8 negotiation meetings.
-Co-managed a tech event with 2,000+ attendees, overseeing strategy and execution.

Team Leader | Free Oxygen Service 24/7, Chandpur   2020 – 2022
- Led a volunteer team of **15 members**, providing oxygen to **100+ families** during COVID-19.

AWARDS

- 5th Position – Science Olympiad Bangladesh (2019)

- 2nd Position – National Science and Technology Fair (2019)