ABDULLAH AL MAMUN

ML & SOFTWARE DEVELOPER

CONTACT

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SKILLS

PROGRAMMING

- Python, Java, C++, C#
- HTML5, CSS3

ML & AI

- Scikit-learn, Pandas
- NumPy, Matplotlib
- TensorFlow (Basic), PyTorch (Basic), Transformers (Basic)

DATABASES

- MySQL, SQLite, Firebase

TOOLS

- Git, GitHub, Google Colab
- VS Code, DigitalOcean

SOFT SKILLS

- Problem Solving
- Analytical Thinking
- Teamwork & Collaboration
- Communication
- Time Management

LANGUAGES

- Bangla (Native)
- English (Fluent)
- Hindi (Basic)

CERTIFICATIONS

Python with Machine Learning
SL NO.: EDGE-DSTS-106-2628-00004
JU-EDGE Project, BCC, ICT Division

Python Basics
University of Michigan (Coursera)

PROFILE

Final-year Computer Science undergraduate passionate about Artificial Intelligence, Machine Learning, and Software Development. Skilled in Python, Java, and C++, with hands-on experience in NLP, deep learning, and full-stack development. Enthusiastic about continuous learning, teamwork, and building impactful real-world solutions.

PROJECTS

Phishing Email Detection – Deep Learning Models   ↗ **Colab**

- Built GRU, LSTM, and BiLSTM models for phishing email classification.
- Research paper accepted in **Springer Lecture Notes in Networks and Systems (SCOPUS-indexed).**
- Implemented risk analysis; trained using Google Colab GPU.

Local Scout – Neighbourhood Service Finder   ↗ **GitHub**

- Developed a scalable web application using ASP.NET Core MVC.
- Integrated SQLite (Identity) and Google Firestore for authentication & data.

Mental Health Classification – Hybrid NLP Model   ↗ **Colab**

- Built a MentalBERT + BiLSTM + CNN hybrid model to classify 7 mental health conditions.
- Achieved F1 Score: 87%.
- Trained on DigitalOcean GPU droplet in VS Code.

Easy Shop – Android App   ↗ **GitHub**

- Developed a shop management mobile app with SQLite storage.
- Designed a clean Material UI with persistent login.

EDUCATION

B.Sc. in Computer Science and Engineering (CSE)

IUBAT - International University of Business Agriculture & Technology, Sector 10, Uttara, Dhaka

January 2022 – Present

- Expected Graduation: December 2025
- Received IUBAT Schoolers Certificate
- Current CGPA: **3.87** out of **4.00**

Higher Secondary Certificate (HSC)

Shafiuddin Sarkar Academy & College, Tongi, Gazipur

July 2018 - April 2020

- Group: **Science**
- GPA: **5.00** out of **5.00**