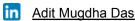
# **Adit Mugdha Das**

™ mailbox.mugdha@gmail.com

**\( +8801718108344** 



#### **PROFESSIONAL SUMMARY**

Computer Science undergraduate specializing in Machine Learning and Software Development. Passionate about AI, problem-solving, and building scalable applications. Proficient in Python, Java, TensorFlow, and Laravel, with hands-on experience in data processing, numerical computing, and system design.

#### **SKILLS**

- Programming: Python, Java, JavaScript, C++, PHP
- Web & Mobile: Laravel, Android Studio, JavaFX,HTML,CSS,Node.js
- Databases: MySQL, JDBC, Oracle
- Machine Learning & AI: Pandas, Scikit-Learn, TensorFlow, Keras, NLP, Computer Vision, Neural Networks, Sequence Models
- Deep Learning: CNNs, RNNs, LSTM, GRU, Triplet Loss, Optimization Techniques
- Data Science: Data Cleaning, GIS, Automation
- Computing: Regression, Classification, Hyperparameter Tuning, Optimization, Regularization, Algorithm Design,
- Digital Design: Logisim, CPU & ALU Design
- Version Control: Git

#### **EDUCATION**

Bachelor of Science (BSc) | Computer Science & Engineering (2023-2027) - CGPA:-3.64 (First 3 Semesters, out of 4.00)

Khulna University of Engineering & Technology (KUET)

## **WORK EXPERIENCE**

Data Analysis Experience - Summit Communications Ltd., Dhaka, Bangladesh (Dec 2024 - March 2025)

- Developed an Internet Service Locator using Google Places API for automated data retrieval.
- Contributed to **GeoCleanser**, a Python-based GIS data validation tool.
- Gained hands-on experience in data migration and automation workflows.

### **PROJECTS**

- Mind Mapping App (Java, JavaFX, MySQL, JDBC) Desktop tool for structured idea representation.
- GeoCleanser (Python, pandas, openpyxl, NumPy) Built a coordinate cleaner & validator for geospatial analysis.
- **Service Locator** (Python, Google API, folium, Matplotlib) Automated ISP mapping using API integration.
- **Numerical Solver** (Python, Tkinter, SymPy, SciPy) GUI-based solver for numerical computations.
- 22-Bit CPU (Logisim, Digital Logic Simulator) Designed CPU architecture with ALU and memory.
- Digital Clock (Logisim, Flip-Flops, Counters) Simulated a working digital clock with sequential logic and circuit timing.

## **PORTFOLIO & CERTIFICATIONS**

### Portfolio -

- Check out my Personal Portfolio Website https://www.adit-mugdha-das.com.bd/
- Check out my GitHub https://github.com/Adit-Mugdha-das

### Certification -

• Deep Learning Specialization – DeepLearning.AI (2025)

(Five-course program: Neural Networks, Improving Deep Networks, ML Project Structuring, CNNs, Sequence Models)

• Machine Learning Specialization – Stanford Online (2025)

(Three-course program on Supervised, Unsupervised, and Advanced Machine Learning)

- Best Project Award KUET (2024) Mind Mapping Application
- Best Talent (Mathematics & CS) Sylhet District Education Office (2018)
- LeetCode Problem Solving (2025) Solved 500+ DSA problems