

# Adit Mugdha Das

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in Adit Mugdha Das

## 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, *via Coursera* (2025)
- **Machine Learning Specialization** – Stanford Online, *via Coursera* (2025)
- **Certified AI+ Prompt Engineer Level 1™** – AI Certs (Jun 2025)
- **Copilot Productivity Suite Certification** – Microsoft Learning (Jun 2025)
- **Best Project Award – KUET (2024)** – Mind Mapping Application
- **Best Talent (Mathematics & CS)** – Sylhet District Education Office (2018)
- **LeetCode Problem Solving (2025)** – Solved 600+ DSA problems

