MD. Shezanur Islam

Rajshahi, Bangladesh
📞 +880 1727-864676 | ✉ md.shezanurislam@gmail.com | 🔗 LinkedIn | 🐙 GitHub

Summary

Motivated Computer Science and Engineering graduate with strong expertise in machine learning, deep learning, and distributed systems. Passionate about developing impactful solutions, exploring emerging technologies, and applying technical skills to solve real-world problems. Quick learner with hands-on experience in both academic research and practical system design.

Education

B.Sc. in Computer Science and Engineering *Varendra University, Rajshahi (2025)*
Final Year Research: Hybrid model for multilingual (Bangla & English) sentiment analysis using ML/DL (RoBERTa, GPT-2, SVM, RNN).

HSC (Science) *Alhaj Sujauddaula Degree College (2020)*
SSC (Science) *Rajshahi Satellite Town High School (2016)*

Technical Skills

Programming: Python (Intermediate), Java (Basic), C++ (Basic), JavaScript (Basic), HTML/CSS (Basic), SQL (Basic)
Machine Learning & Deep Learning: PyTorch, Hugging Face Transformers (GPT-2, RoBERTa), Scikit-learn, TensorFlow, CUDA, cuDNN
Data Analysis: Pandas, NumPy
Experimentation & Visualization: Matplotlib, Jupyter Notebook
Developer Tools: Git, VS Code
Creative Tools: Adobe Photoshop, Premiere Pro (Basic)

Academic Projects

Hybrid Sentiment Analysis of Social Media Comments (Final Year Research)
Developed a hybrid ML/DL pipeline for multilingual text (Bangla/English). Combined RoBERTa, GPT-2, RNN, and SVM for benchmarking. Applied advanced preprocessing and evaluation metrics (Accuracy, Precision, Recall, F1).

Distributed Calculator with Parallel Processing (Lab Project)
Built a distributed calculator using Java RMI and multithreading. Implemented parallel execution for matrix multiplication, array sorting, and prime detection. Optimized performance via distributed task management.

GSM-based Fire Alarm System (Microcontroller Lab)
Engineered an Arduino-based system with IR flame sensor, GSM SIM module, buzzer, and power supply. Configured system to trigger alarms and auto-call emergency numbers upon fire detection.

Soft Skills

Strong work ethic & determination under pressure; adaptable and eager to learn; analytical curiosity with a drive to explore problems to their root cause; clear communicator with well-praised presentation skills.

Languages

Bangla: Native
English: Professional Working Proficiency