

Sajid Mostafiz Noor

+880-1815-458659 — sajidmostafiznoor@gmail.com — SajidNoor5051 — LinkedIn

Education

Bangladesh University of Engineering and Technology (BUET) B.Sc. in Computer Science and Engineering (CSE) CGPA: 3.66 / 4.00	Dhaka, Bangladesh 2022 – 2026
Notre Dame College Higher Secondary Certificate (Science) GPA: 5.00 / 5.00	Dhaka, Bangladesh 2018 – 2020

Research Experience

Next-Generation Computing Lab, BUET CSE • Collected data using wearable sensors, performed thematic analysis, and surveys for ongoing lab projects. • Analyzed and visualized data on the heat impact of rickshaw pullers including data preprocessing and result interpretation.	2024 – Present
Undergraduate Thesis: Detecting Driving Behaviour Using Machine Learning Department of Computer Science and Engineering, BUET • Analyzing the Polydriving dataset containing multi-driver time-series sensor data to identify aggressive and normal driving behaviour patterns. • Extracting relevant features using various feature selection algorithms. • Applying machine learning and deep learning models to classify driving behaviours and optimized model performance.	2025 – Present

Publications

Forecasting Occupational Survivability of Rickshaw Pullers Under a Changing Climate <i>Published in ACM IMWUT</i> • Analyzed physiological stress under extreme heat using wearable sensor data. • Applied Bayesian regression to model occupational heat-risk and survivability and integrated CMIP6 climate projections to forecast long-term climate impact. • Conducted data preprocessing, statistical modeling, and result validation.	2023 – Present
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Projects

BUET Fantasy Premier League • Built a fantasy sports platform modeled after the Premier League FPL system. • Developed RESTful APIs, scoring algorithms, and real-time leaderboards. • Enabled users to view player statistics, fixtures, and match results.	July 2025 – September 2025
ExamCraft – AI-driven Exam Preparation Platform • Developed an AI-powered platform for quizzes, flashcards, and mock exams. • Implemented AI-based question generation and spaced-repetition learning. • Delivered performance analytics and personalized study recommendations.	February 2025 – August 2025

Awards & Scholarships

- **Dean's List Scholarship**, BUET – January 2022 (Level-1,Term-1) ; July 2021 (Level-1,Term-2)

Skills

Programming Languages: Python, Java, C, C++, JavaScript, TypeScript
AI & Machine Learning: Machine Learning, Deep Learning, TensorFlow, PyTorch, Scikit-learn
Frontend, Backend & APIs: React, Next.js, Tailwind CSS, Node.js, NestJS, FastAPI, REST APIs
Databases & DevOps: MySQL, MongoDB, Docker, Git, GitHub Actions, Vercel