

Sajid Mostafiz Noor

Mohammadpur, Dhaka — +880-1815-458659 — sajidmostafiznoor@gmail.com — GitHub — Portfolio

Education

Bangladesh University of Engineering and Technology (BUET) B.Sc. in Computer Science and Engineering CGPA: 3.66 / 4.00	2022 – 2026
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Projects

BUET Fantasy Premier League (Live)	July 2025 – September 2025
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- Built a fantasy sports platform modeled after the Premier League FPL system.
- Developed RESTful APIs, scoring algorithms, and real-time leaderboards.
- Enabled users to manage teams, view player statistics, fixtures, and match results.
- Deployed the platform on Vercel with optimized performance.

ExamCraft – AI-driven Exam Preparation Platform (GitHub)	February 2025 – August 2025
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- Developed an AI-powered platform for quizzes, flashcards, and mock exams.
- Implemented AI-based question generation from study materials.
- Integrated spaced-repetition learning and performance analytics for personalized recommendations.

Grades Information System (GitHub)

- Designed a comprehensive academic management system with role-based access control.
- Implemented course enrollment, advisor approvals, and grade analysis features.
- Built an admin panel for managing students, courses, notices, and exam routines.

Research & Publications

Forecasting Occupational Survivability of Rickshaw Pullers Under a Changing Climate

<i>Published in ACM IMWUT</i>	2023 – 2025
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- Analyzed physiological and environmental data collected using wearable sensors.
- Applied Bayesian regression to model heat stress and occupational survivability.
- Integrated CMIP6 climate projections to forecast long-term climate impact.

Next-Generation Computing Lab, BUET CSE	2023 – Present
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- 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.

Skills

Programming: Python, Java, C, C++, JavaScript, TypeScript

Frontend: React, Next.js, Tailwind CSS

Backend & APIs: Node.js, Express.js, NestJS, FastAPI, REST APIs

Databases & DevOps: MySQL, MongoDB, Docker, Git, GitHub Actions, Vercel

AI & ML: Machine Learning, Deep Learning, TensorFlow, PyTorch