

Sha Newaz Mahmud

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SM-Shaan Bosonto Sha Newaz Mahmud Sha Newaz Mahmud (Kaggle)

Professional Summary

Enthusiastic Computer Science undergraduate passionate about academic research and innovation. Keen to explore real-world applications of machine learning and data-driven solutions through hands-on projects and collaborative learning.

Education

Chittagong University of Engineering & Technology, Bangladesh June 2026
B.S. in Computer Science
Mohammadpur Govt. College, Bangladesh Jul,2019 - May,2021

Experience

The Tork.Inc (Internship) Aug – Dec 2024
The Tork.Inc — React Developer (Internship) Dec 2024 – Jan 2025
Poridhi.io (Internship) Feb – Aug 2025
Poridhi.io — AI Infrastructure Engineer (Remote) Jan 2025 – Present

Projects

JobFiesta — ReactJS, Node.js, MongoDB, Tailwind CSS
- Developed a platform for job seekers and employers with a skill-based recommendation system.
- Built backend APIs for seamless data flow and user-friendly UI for a smooth experience.

CUET Medico — ReactJS, Node.js, MySQL, Tailwind CSS
GitHub:
- Created a healthcare management system for CUET students and faculty with appointment scheduling and medical record management.

CUET Hall Management — React.js, Typescript, MongoDB, Tailwind CSS
GitHub:
- A robust solution designed to centralizes operations like room allocation, student registration, fee management, and complaint tracking into a unified platform.

Admission Navigator — Kotlin, Firebase
- A mobile application designed to streamline the university application process, helping students identify eligible universities based on their academic performance and stay updated on deadlines and exam dates.

Achievements

- 4th position in CUET Intra ML Contest 2025

Technical Skills

Programming Languages: Python, C/C++, JavaScript, TypeScript, Kotlin, SQL

Frameworks & Libraries: React.js, Node.js, Express.js, Next.js, Tailwind CSS, Redux, FastAPI

Databases & Cloud: MongoDB, Firebase, AWS (EC2, S3, Lambda), Google Cloud Platform

DevOps & Tools: Docker, Docker Compose, Kubernetes, Git, GitHub Actions, NGINX, Pulumi, Terraform

Machine Learning & AI: PyTorch, TensorFlow, Scikit-learn, Hugging Face Transformers, pandas, NumPy, Matplotlib, Jupyter Notebook

Research & Documentation: LaTeX, Zotero, Markdown

Soft Skills: Academic Writing, Team Collaboration, Problem Solving, Continuous Learning