

Computer Science & Engineering student at USTC and the builder behind MHR3D. I design and ship full-stack products with Next.js, TypeScript and Cloudflare's edge, then add the 3D, motion and AI layers that make them feel alive. Currently building ShareFlow and exploring explainable health telemetry with STAR PLUS.

SELECTED PROJECTS

ShareFlow 2026

REACT 19 · TYPESCRIPT · VITE · TAILWIND CSS · CLOUDFLARE PAGES · CLOUDFLARE WORKERS

ShareFlow is a zero-login file and secret-sharing platform built around a simple promise: your file should reach the other person without taking up permanent residence on someone else's server. It combines direct browser-to-browser transfer over WebRTC with ephemeral text sharing, a suite of 39+ developer utilities, and a small digital store — all shipped on Cloudflare's edge.

Live: shareflow.mhr3d.online GitHub: ariandesu/shareflow

STAR PLUS 2026

NEXT.JS 15 · REACT 19 · TYPESCRIPT · TAILWIND CSS · RECHARTS · THREE.JS / WEBGL

STAR PLUS — Space Telemetry & Astronaut Recovery Physiological Long-term Unobtrusive System — turns dense physiological and environmental telemetry into a mission-ready dashboard. Three roles see the same mission through different lenses: an astronaut's personal health portal, a flight medical officer's triage view, and mission control's operational picture.

Live: star-plus.shareflow.workers.dev GitHub: ariandesu/star-plus

BazarDor 2026

NEXT.JS APP ROUTER · TYPESCRIPT · TAILWIND CSS · BETTERAUTH · HIND SILIGURI · LUCIDE REACT

BazarDor (বাজার দর) makes everyday market prices legible in Bengali. It brings today's commodity prices, risers and fallers, category browsing and market-by-market breakdowns into one clean interface, with authentication and a resilient data layer underneath.

Live: bazardor-mhr3d.vercel.app GitHub: ariandesu/Assignment-7-ph

EDUCATION

BSc in Computer Science & Engineering 2024 – 2027

University of Science and Technology, Chittagong · Chattogram, Bangladesh
In progress. Data structures, algorithms, object-oriented programming and database systems.

Higher Secondary Certificate — Science 2020 – 2022

Bapza Public School and College · Bangladesh
Completed. Science stream with a focus on mathematics, physics and chemistry.

LEADERSHIP & COMMUNITY

Campus Ambassador · GearON	Jun 2026 – present
Campus Ambassador · LinkedIn Community Bangladesh	Jun 2026 – present
Campus Ambassador · InfoGram	May 2026 – present
Public Relation Secretary · Programming Club, USTC	Sep 2025 – Aug 2026
Volunteer · Futurenation	Apr 2026 – present

TECHNICAL SKILLS

FULL-STACK

Next.js, React, TypeScript, Tailwind CSS, Node.js, Supabase, REST APIs, WebRTC

3D & CREATIVE

Three.js / WebGL, Blender, 3D modelling, Rigging & animation, Maya, KeyShot, Figma, Photoshop / Illustrator

AI & DATA

Python, Supervised ML, NLP, Prompt-injection detection, Kaggle GPU / TPU, Jupyter, Agent pipelines

EDGE & TOOLS

Cloudflare Workers, Cloudflare R2, Upstash Redis, Docker, Linux, Git / GitHub, Vercel, Postman

CERTIFICATIONS

Professional 3D Animation
CERTIFICATION

Web Design — NSDA Level 3
NATIONAL SKILLS DEVELOPMENT AUTHORITY

Supervised Machine Learning: Regression and Classification
CERTIFICATION

Python Basics
CERTIFICATION

LANGUAGES

Bengali	NATIVE
English	PROFESSIONAL

LINKS

Portfolio · mahir-faisal-portfolio.vercel.app
GitHub · github.com/ariandesu
LinkedIn · linkedin.com/in/mahirfaisal777
Behance · behance.net/mahirfarian