

Bristy das

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🌐 LinkedIn

🔗 Portfolio

🎓 EDUCATION

International Islamic University Chittagong

B.Sc in Electrical and Electronics Engineering

2018 – 2023

Hazera Taju Degree College

Higher Secondary School Certificate

2016 – 2018

SKQ Girls High School and College

Secondary School Certificate

2014 – 2016

🧠 SKILL HIGHLIGHTS

Programming Languages:

C++ and JavaScript

Web Technology and Framework:

React.js, HTML5, CSS3, Tailwind CSS, Bootstrap, DaisyUI, ShadcnUI, MaterialUI, JWT

State Management:

Context API, Redux

Database Management:

Firebase, MongoDB

Tools

Github, VS Code, Vercel, Netlify, Render, Arduino, Latex-Overleaf, MATLAB, Proteus

👤 ONLINE JUDGE PROFILES

Github

Rain44556 🔗

Codeforce || Leetcode

Archer00 🔗 || Archer18 🔗

🔧 IOT PROJECTS

Water level and temperature measurement

Tools: Ultrasonic sensor, ds18b20 sensor module, LCD display, Arduino Uno

AC to DC supply motor speed control

Tools: DC motor, Arduino wemos D1, L298 motor driver, Transformer, Battery

📁 WEB PROJECTS

Weather App

The purpose of this project is to develop a responsive weather application. It features-

- Search weather by city
- Display temperature, humidity, wind speed, visibility, and condition icon
- Live data fetching from OpenWeatherMap API
- Supports dark mode & fully responsive design

Code: 🔗 || Live Link: 🔗

Tools: React DOM | Tailwind CSS | Redux | Axios | Firebase

Task Buddy

Task Buddy is a simple educational web app that helps to share and find services easily. It features-

- Search for services without hassle
- Add new services Quickly, book and pay for services smoothly
- Update or remove services when needed

Code: 🔗 || Live Link: 🔗

Tools: React Router | Daisy UI | Axios | JWT | Firebase | MongoDB | Node.js | Express.js

Popcorn Picks

Popcorn Picks is a movie portal website that features-

- Offering top 6 highest-rated movies
- Search and filter functionality, trending movies, and detailed movie information.
- Users have the option to add their favorite movies

Code: 🔗 Live Link: 🔗

Tools: React Router Dom | Tailwind CSS | Swipper.js | Firebase | Mongoddb | Node.js

CaffeineCraft

Presented to the coffee lovers an immersive experience website with features-

- Premium coffee options
- Desserts, drinks, and set meals are easily accessible on the menu
- Users can switch between location images dynamically

Code: 🔗 Live Link: 🔗

Tools: React.js | React Reveal | Vanila CSS

📖 PUBLICATIONS

Hand Gesture Recognition Based Speed and Direction Control of DC Motor Using CNN 🔗

Few Shot Learning for Medical Imaging: A Comparative Analysis of Methodologies and Formal Mathematical Framework 🔗

GSM Based System for Vehicle Gas Leakage Detection and Driver Condition Assessment 🔗