

Tuhin Das

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/ [MY PORTFOLIO](#) / [LinkedIn](#) / [GitHub](#) / [GeeksForGeeks](#)

Education

Budge Budge Institute of Technology

Sept 2021 – June 2025

Bachelor of Technology in Computer Science and Engineering

• GPA: 8.2

Kolkata, India

Personal Projects

Blood Bank Management System | Source Code

[Live View](#)

- Designed and built a **full-stack Blood Bank Management System** to streamline blood donation, inventory tracking, and emergency request handling across multiple user roles.
- Features include: Role-based dashboards, real-time blood inventory tracking, and an emergency blood request system for unauthenticated patients with location-based filtering. It supports hierarchical address selection and geolocationbased auto-detection, along with secure request management.
- Tools Used: **MongoDB, Express.js, React.js, Node.js (*MERN Stack*), Tailwind CSS, Axios, React Router DOM, Country-State-City Package, GeoLocation API,Cloudinary (for uploading hodpital verified documents)**

Food Recipe Website | Source Code

[Live View](#)

- Developed a food recipe website that fetches recipes using the MealDB API .
- Features include: Trending Popular Recipes displayed using a slider on the homepage. Recipe Details Page with ingredients and step-by-step instructions. Search Functionality to filter recipes by ingredient or country. Dynamic Routing for seamless navigation using React Router DOM.
- Tools Used: **React, React Router DOM, Tailwind CSS, MealDB API**

Video Call Application | Source Code

[Live View](#)

- A real-time video calling application built using React and ZEGOCLOUD Video Call API to facilitate seamless virtual communication.
- Tools Used: **React.Js ,Tailwind CSS, ZEGOCLOUD Video Call API**

Modern Blog Website | Source Code

[Live View](#)

- A visually appealing and user-friendly blog platform built with React JS and styled using Tailwind CSS.
- Tools Used: **React.Js ,Tailwind Css**

MyTextManipulator | Source Code

[Live View](#)

- MyTextManipulator is a Free Online Word Counter and character counter tool which can manipulate your text the way you want. Free tool to change text case, change Uppercase to lowercase, lowercase to uppercase, remove extra space for Free. You can copy your manipulated text and use it anywhere.
- Tools Used: **HTML , CSS ,JS ,BOOTSTRAP ,REACT**

Technologies

Programing Languages: Java, C++, C, JavaScript, HTML, CSS

Libraries/Frameworks: React.js, Express.js, Node.js , Tailwind CSS , Bootstrap

Tools/Platforms: Git, Github , Postman, Vercel, VS Code, IntelliJ IDEA

Databases: MYSQL, Mongo DB , PostgreSQL

others: Data Structure and Algorithms ,Object Oriented Programming , Database Management System(Relational Databases)

Achievements

- Achieved **2808** Rank in the START131 contest on **Codechef** out of 22,000 participants.
- Achieved **500** Rank in the START152 contest on **Codechef** out of 31,000 participants.
- Maintained a **150+** days streak on **GeeksForGeeks**, showcasing a commitment to continuous coding improvement.
- Solved **300+** problems on coding platforms, including **GeeksForGeeks** and **CodeChef** showcasing diverse problem-solving proficiency.