

TUHIN DAS

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Objective

To become a successful expert in the field of Computer Science by channelizing my technical knowledge and skills to ensure personal and professional growth and to contribute to the prosperity of the organization.

Education

Budge Budge Institute Of Technology
Bachelor of Technology in Computer Science and Engineering
GPA: 8.2

Kolkata , India
September 2021 - July 2025

Skills

Programming Languages:	C++, Java, JavaScript, HTML, CSS
Libraries / Frameworks:	React.js, Express.js, Node.js, Bootstrap, Tailwind CSS
Tools / Platforms:	Git, GitHub, Postman
Databases:	PostgreSQL, MongoDB

Projects

- **MyTextManipulator** : Web App (created using HTML , CSS ,JS ,BOOTSTRAP ,REACT)
 - **Features** : 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.
- **Video Call Application**
 - **Description**: A real-time video calling application built using **React** and **ZEGOCLOUD** Video Call API to facilitate seamless virtual communication.
 - **Features**:
 - **Create Meeting**: Initiate a video call session with a unique meeting link.
 - **Microphone and Video Control**: Toggle mic and video on/off during the call.
 - **Share Meeting Links**: Easily share meeting links with participants.
 - **Live Chat**: Integrated chat functionality for text communication during the call.
 - **Responsive UI**: Optimized for use across various devices and screen sizes.
- **Modern Blog Website**
 - **Description**: A visually appealing and user-friendly blog platform built with React JS and styled using Tailwind CSS.
 - **Features**:

- **Responsive Design:** Ensures an optimal viewing experience across devices.
- **Dynamic Content Rendering:** Display posts with smooth transitions and animations.
- **Modern UI/UX:** Tailwind CSS for a clean, minimalist, and visually engaging interface.
- **Scalable Architecture:** Built with React to enable easy expansion and feature addition.

➤ **Tic Tac Toe Game** App (created using **HTML , CSS ,JS ,REACT**)

- **Description:** A classic two-player game implemented with an interactive UI.
- **Features:**

- Real-time gameplay with a grid-based interface.
- Win detection logic for rows, columns, and diagonals.
- Reset functionality to start a new game.

➤ **To-Do Application** App (created using **HTML , CSS ,JS ,REACT**)

- **Description:** A task management application to organize daily activities.
- **Features:**

- Add new tasks with customizable details.
- Mark tasks as complete or delete them when no longer needed.
- Dynamic UI updates for better user experience.

➤ **URL Shortener** (*Work in Progress*)

- **Description:** A full-stack web application developed using the MERN stack to generate shorter, shareable links from long URLs.

- **Features:**

- **Frontend:** React-based user interface for seamless URL input and output.
- **Backend:** Node.js and Express.js for API handling and routing (in progress).
- **Database:** MongoDB for storing original and shortened URL mappings.
- **Additional Functionalities:**
 - Real-time generation of unique short URLs.
 - Error handling for invalid or duplicate URL submissions.
 - Responsive design for cross-device compatibility.

- ● **Status:** Core URL generation functionality implemented; routing and deployment in progress.

Achievements

- Maintained a 300+ days streak on **GeeksForGeeks**, showcasing a commitment to continuous coding improvement.
- Solved **400+ problems** on coding platforms, including **250+** on **GeeksForGeeks** and **150+** on **CodeChef** showcasing diverse problem-solving proficiency.
- Achieved 2808 Rank in the START131 contest on Codechef out of 22,000 participants.

Strength & Abilities

- Management
- Problem solving
- Communication
- Leadership
- Adaptability