RITAM BHOWMICK

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EDUCATION

Dayananda Sagar College of Engineering
B.E MECHANICAL ENGINNERING
CGPA: 7.58

Bengaluru, India
Dec 2020 - Present

Army Public School
PCM with COMUTER SCIENCE
Percentage: 86.2%

Kolkata, India
Apr 2018 - June 2020

Army Public School
10th
Percentage: 93.4%

Kolkata, India
Apr 2009 - Mar 2018

EXPERIENCE

[Web Development Internship (Navodita Infotech!)](#)

Bengaluru, India
Feb 2024 - Mar 2024

- Worked on building a web-based Blog site using Reactjs, NodeJs which helps users to create their blogs
- I got to know more about new things like file uploading, and jwt security to authenticate people
- I was able to learn more about Reactjs, hooks, router and how components work

PROJECT(S)

Tic Tac Toe Game | Python   https://github.com/RitamBhowmick/TicTacToe

- Developed a fully functional tic-tac-toe game using Python programming language Utilizing Python data structures and algorithms to manage game state and determine winning conditions.
- Designed a user-friendly interface with clear prompts and instructions for players.
- Designed an intuitive user interface to display the game board and provide a seamless gaming experience.

Chat App with MERN | *Node.js, React, WebSocket*   https://github.com/RitamBhowmick/Mern-Chat

- *Developed a real-time chat application using the MERN (MongoDB, Express.js, React.js, Node.js) stack, incorporating WebSocket technology for seamless communication.*
- Designed and developed the frontend interface using React.js, creating an intuitive an responsive user experience. Used NodeJs for the backend CRUD operations
- *Implemented WebSocket protocol using libraries such as Socket.IO to enable bidirectional, event-based communication between the server and clients.*

YouTube (Backend) | *HTML, CSS, JavaScript, Node.js, Express.js, MongoDB*

- Developed a YouTube backend project using the MERN (MongoDB, Express.js, React.js, Node.js) stack to create an efficient web application.
- Utilized Express.js to handle server-side logic and routing, ensuring efficient communication between the frontend and backend components.
- Implemented CRUD operations as well as token-based authentication using JSON Web Tokens (JWT) to authorize and authenticate user requests, ensuring secure data transmission.

SKILLS

Languages: C++, Python, HTML, CSS, JavaScript, SQL

Frameworks: NodeJs, ExpressJs, ReactJs, MongoDB, PostgreSQL

Tools: Postman, GitHub, Git, Visual Studio Code

ACHIEVEMENT(S)

- Program Level-5 (Champion) for Coding Ninjas C++
- GOLD MEDAL Swimming Competition