

ROSHAN BADOLA

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Projects

Write-On

- Created a full-stack, responsive blogging platform with robust user authentication and authorization.
- Developed and launched an innovative blog platform with seamless composition, exploration, and search capabilities.
- Leveraged React and Tailwind CSS to craft an intuitive frontend.
- Utilized Node.js and Express.js for a robust backend.
- Employed MongoDB for efficient database management.
- Deployed the frontend on Firebase, ensuring optimal performance and scalability.
- Key Achievements: Implemented complete user authentication and authorization systems. Designed an intuitive user interface for writing, browsing, and searching blogs. Leveraged a modern technology stack to ensure a seamless user experience.

EDIT-it

- This project is a web-based image editor that allows users to edit their images using HTML, CSS, and React.js.
- The editor includes a variety of features, such as hue, grayscale, and crop.
- These features are implemented by applying CSS filters to the user-uploaded image and then using HTML canvas to apply the filters to the image.
- Project Goals: Develop an image editor that is easy to use and accessible to a wide range of users and implement a variety of image editing features using HTML, CSS

Laptop Break Reminder

- A Python application that alerts a person to take a break, if they have been using their laptop for too long or are not blinking enough.
- The eyes can also get dry and irritated during long stretches of screen use this application aims to reduce the issues caused by dry eyes.
- Libraries: OpenCV, win10Toast, dlib

Skills

Languages: HTML, CSS, JavaScript, Python, Markdown, SQL

Tools and Frameworks: React.js, Node.js, Express.js, Mongoose.js, Tailwindcss, Bootstrap, Git and Github, Firebase

Databases: MySQL, MongoDB

Certifications

- The Master in Web Development (Backend & Frontend)
- Tailwind CSS Mastery: Build 2 Advanced Projects
- Express JS - The Complete Guide
- Employ-ability Skills

Education

IMS Engineering College	B. TECH (IT)	2020-2024
R.S.B. V	C.B.S.E (XII)	2018-2019
Dayanand Model School	C.B.S.E (X)	2016-2017