

GOUTAM YADAV

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Education

Bachelor of Technology in Civil Engineering

National Institute of Technology Durgapur, West Bengal, India

2019 - 2023

CGPA : 7.94/10

Senior Secondary Examination (Class XII) CBSE Boards

Jawahar Navodaya Vidyalaya, West Bengal, India

2017

Percentage : 81%

Experience

Subject Matter Expert in DSA

June 2022 – March 2023

TechCurators

Remote

- Designed Problems on **Data Structure and Algorithm** across various difficulty levels (Easy/Medium/Hard), prepared relevant **edge-cases**, **test-cases**, and **optimized codes** and solutions to the problems.
- Worked with the **backend team** to create the **complete setup** including uploading questions, test runs, and **removing ambiguities** during live contests.

Projects

Your-Diary | [Github Repo](#)

Sept 2023 - Dec 2023

- Comprehensive Task Management with **CRUD Functionality**: Developed the "You Diary" project utilizing **HTML**, **CSS**, and **JavaScript** for the front-end, along with **NodeJS** and **REST APIs** for the back-end. Implemented a robust CRUD (Create, Read, Update, Delete) system, enabling users to **effortlessly create, organize, and modify** their everyday tasks.
- Intelligent Reminder System for Enhanced Productivity**: "You Diary" that not only allows users to set reminders for upcoming tasks but also **sends notifications** after task deadlines. Leveraging NodeJS and REST APIs, this feature ensures users are prompted to review completed tasks, providing an opportunity to revisit and reassess the importance of completed activities. The combination of CRUD technology and **RESTful architecture** contributes to a **dynamic and user-friendly** diary experience, **promoting efficient task management** and **productivity**.

Face Recognition using Machine Learning | [Github Repo](#)

Jan 2023 - June 2023

- This **Machine learning** Project is used for detecting and recognizing faces efficiently. The project uses advanced techniques and **algorithms** to **extract facial features** and **train the model** on large datasets.
- Convolutional Neural Network (CNN) Algorithm is used to train the model on large datasets of facial images to learn distinctive features and patterns for **accurate identification**.
- The system has achieved an **accuracy rate of 95%** demonstrating its ability to **correctly identify** and match faces from the VGG16 Faceset using ResNet-34 Architecture.

WeatherLiveReport | [Website Link](#)

Nov 2021 - April 2022

- Developed a webpage displaying location-based weather using **HTML**, **CSS**, and **JavaScript**, integrating map and weather data for a **user-friendly** experience.
- Increased functionality** of the website by incorporating an **API** named "Openweathermap" that retrieves live weather data for any city worldwide.

Skills

- Programming Languages**: C, C++, Python
- Web Technologies**: HTML5, CSS3, JavaScript, Node Js, AutoCad, Git/Github
- Database Management**: SQL, DBMS, MS Excel, Power BI, Tableau
- Soft Skills**: Communication Skills, Teamwork & Collaboration, Problem-solving ability, Time Management

Achievements

- LeetCode**: Solved over 350+ Problems ([Profile Link](#))
- Solved over **800+** problems in all over coding platform
- Secured a position in the **Top 5 Performer** at NASA Space Challenge Program