

Somnath Bhattarai

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PROFILE

A self-taught programmer and Front-End Developer who enjoys creating interactive web designs. Currently pursuing a degree in Computer Science Engineering, also committed to expanding my expertise in full-stack web development.

EDUCATION

Jain Deemed to be University, Bangalore, IN

08/2021 - 07/2025

Bachelor of Technology

Computer Science and Engineering

SKILLS

Technical Skills: HTML5, CSS3, JavaScript, React.js, Bootstrap, PHP, MySQL, GIT, GitHub, TypeScript, C, C++, NodeJS, API Integration, Problem Solving

PROJECTS

Bhava: An analysis of Face Emotion

https://github.com/somnath271/Facial_Emotions_Recognition

- Emotion Analysis and Preprocessing: Recognizes emotions by analyzing facial expressions with preprocessing phases.
- Feature Extraction and CNN Architecture: Utilizes LBP and ORB for accuracy, with a four-layer CNN and two feature classifiers.
- Tech Stack: Local Binary Pattern (LBP), Oriented Fast and Rotated Brief (ORB), Convolutional Neural Network (CNN)

Clothes Recommendation System

<https://github.com/somnath271/Stylish-Clothes-Recommendation-System>

- Personalized Clothing Recommendations: Web app offering tailored clothing suggestions based on user inputs for weather, occasion, and gender.
- User-Friendly Interface: Built with HTML, CSS, and Bootstrap for seamless interaction and clear display of recommendations.
- Database Integration: Utilized MySQL for fetching and displaying relevant clothing options.
- Tech Stack: PHP, MySQL, HTML, CSS, Bootstrap, JavaScript

Weather App

https://github.com/somnath271/My_Weather_App

- Real-Time Weather Updates: A web application to provide live weather information for cities worldwide based on user inputs.
- User-Friendly Interface: Designed intuitive and responsive web pages using React, ensuring a seamless user experience and clear display of weather data.
- API Integration: Utilized the OpenWeatherMap API to fetch and display current weather conditions, including temperature, humidity, wind speed, and more.
- Tech Stack: React, JavaScript, HTML, CSS, NodeJS, OpenWeatherMap API

Sleep Cycle Calculator Site

<https://sleep-cycle-calculator-nine.vercel.app/>

- Optimized Sleep Timing: Web app calculates ideal sleep and wake times.
- User-Friendly UI: Bootstrap-based design for easy interaction.
- Dynamic Functions: JavaScript for real-time sleep cycle calculations.
- Tech Stack: HTML, CSS, JavaScript, Bootstrap

AWARDS AND EXTRACURRICULAR

Full Scholar for Undergraduate Studies
Pragati Scholarship (IND-SAT), Funded by Study In India (EDCIL)

08/2021

Campus Ambassador at Shiksha.com
Campus Ambassador at Hack2Skill

10/2023 – Present
11/2023 – Present