



Payal Sinha

B.Tech – Mechanical Engineering – IIT, Dhanbad



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PROJECTS

Weather App — Weather information website (February 2023–March 2023)

- Developed a weather app website using HTML, CSS, JavaScript, and an API to provide users with real-time weather information for any city around the world.
- Implemented a search bar that allows users to enter the name of the city and retrieve the weather details for that specific location.
- Along with the temperature, the website also provides additional details such as wind speed and humidity giving users a comprehensive overview of the weather conditions in the chosen city.

Tech Stack: HTML, CSS, JavaScript, API

Github Link:

<https://github.com/Payal-Sinha09/weather-app.git>

Website link:

<https://real-time-weather-info.netlify.app/>

Movie Finder — Movie details finding website (Nov 2022–Dec 2022)

- Developed a dynamic movie finder website to enhance user experience in discovering information about movies.
- Implemented a search bar feature that allows users to enter the movie title for quick and efficient movie searches.
- Displayed comprehensive movie details, including the director's name, genre, rating, release date, and the title itself.

Tech stack: HTML, CSS, JavaScript, API

Github Link:

<https://github.com/Payal-Sinha09/movie-finder>

Portfolio — Personal portfolio website (April 2023–May 2023)

- Created a portfolio website showcasing work, education, background, and contact details.
- Designed an intuitive navigation bar for easy access to different sections of the website.
- Included a home section with two buttons to enhance functionality and convenience for visitors.
- Implemented a download button for visitors to directly download the resume.
- Added a button providing a direct link to Github profile.

Tech stack: HTML, CSS, JavaScript

Website link: <https://my-portfolio-payalsinha.netlify.app/>

EDUCATION

Indian Institute of Technology (ISM), Dhanbad — Bachelor of Technology in Mechanical Engineering

JULY 2021 - MAY 2025 CGPA - 8.57

D.A.V. Public School, Dhanbad

12th - APRIL 2019 - APRIL 2020 - 95.6%

Dhanbad Public School, Dhanbad

10th - APRIL 2017 - APRIL 2018 - 94.8%

SKILLS

Strong	C++, C
Intermediate	HTML, CSS, JavaScript, MATLAB, Simulink
Beginner	Python, SQL

ACHIEVEMENTS

- Secured 3rd position in the event Green N Sustain of Concetto 2022 (The Annual Techno-Management fest of IIT(ISM) Dhanbad)

POSITIONS OF RESPONSIBILITY

- Team Leader - Sustainable to the Extreme Team, "Green N Sustain" event, Concetto 2022

EXTRACURRICULARS

- Subject Matter Expert in Chegg - Expert answerer for the subject Math on Chegg.com asked by the students all around the globe.
- Member of Yoga Club of IIT(ISM) Dhanbad
- Member of Fast Forward India(FFI)

COURSES AND CERTIFICATIONS

- Front end web development by Bolt IoT
- Data Structures and Algorithms using C and C++ from Udemy
- Introduction to Data Science by Cisco
- MATLAB Onramp by MathWorks
- Simulink Onramp by MathWorks

