Sarthak Rangari

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Nagpur

EDUCATION

B.Tech, Mechanical Engineering

Indian Institute Of Technology Roorkee

2021 - 2025

PROJECTS

Design and Optimisation Of an Airplane Wing(course project

Sep 2022 - Oct 2023

This was a group project aimed to create a CAD model of an airplane wing and optimise it for attaining maximum lift. Performed CFD and structural analysis.

Ecommerce website

Jun 2023 - Jun 2023

Built an fully funtional ecom website using Django, Javascript, HTML, CSS with all the necessary features such as email authentication, payment gateway integration, add to cart functionality

Food delivery app

May 2023 - May 2023

Created a food delivery app, with the all the basic functionalities like cart, search, categories, about page etc and deployed it on AWS using gunicorn and nginx.

Portfolio Website

May 2023 - May 2023

Created a fully responsive portfolio website with HTML, CSS, Javascript with homepage, about page, experience, contact me etc and features like color picker and theme switcher.

Weather App

Apr 2023 - Apr 2023

Created a weather app that shows the current weather informatin of any desired location. Integrated an API for fetching weather info of the location. Used HTML, CSS and Javascript

Tribal Development Index Calculator

Aug 2023 - Present

We're developing a website to calculate and display Jharkhand's Tribal Development Index. My friend and I are responsible for the entire project, from design to hosting and SEO, aiming to provide insights into tribal development

Django
Intermediate

JavaScript
Intermediate

Python
Intermediate

HTML
Intermediate

CSS
Intermediate

Canva
Intermediate

C++ Programming
Intermediate

Guitar
Advanced

Bootstrap
Intermediate

MySQL
Intermediate

Figma
Intermediate

GitHub
Intermediate

Amazon Web Services (AWS)
Intermediate

GitHub profile

https://github.com/Sarthak7219/Project1

Secured AIR 25216 and category rank of 836 in JEE-Advanced (one of the toughest exam in India) and got into IIT. Web D has always interested me. I love creating beautiful websites and also integrating them with backend. I am always eager to learn.