Anshu Dwivedi

✉ Anshudwivedi135@gmail.com 📞 9695123068 📍 Kanpur, Uttar Pradesh in Linkedin 🍴 Codechef Leetcode
📊 Codeforces HackerRank ✄ GFG ⮡ Portfolio

👤 PROFILE

I am a passionate coding enthusiast who loves **brainstorming** challenging questions. Proficient in **C++** and familiar with **C**, I excel in **Data Structures and Algorithms**. Moreover, I am a **Competitive programmer** and have experience with **front-end web development** technologies, including *HTML, CSS, and JavaScript. My aspiration is to leverage my technical expertise and problem-solving acumen to excel as a versatile software engineer, dedicated to crafting innovative solutions and contributing effectively as a Software Engineer.*

🎓 EDUCATION

B.tech in Electronics Engineering   2021 – present
Harcourt Butler Technical University   Kanpur, India
- **CGPA 7.1 (till 2nd year)**

Intermediate   2020
Onkareshwar Saraswati Vidya Niketan   Kanpur, India
- **Percentage: 80% (UP Board)**

High School   2018
Chacha Nehru Smarak Inter College   Kanpur, India
- **Percentage : 85%(UP Board)**

🧠 SKILLS

C++ | C | Data Structures | Algorithms | Competitive Programming | HTML | CSS | Javascript | | Problem Solving

Leadership

🧩 EXPERIENCE

- **Solved 300+ problems in C++ across various coding platforms**
- **5 star coder in Hackerrank and 2 star coder in Codechef**
- **Solved 130+ problems on Codechef**
- **Worked as Question and Answer Expert in Physics @Chegg, India**
- **Guitar Mentor**

🧠 POSITION & RESPONSIBILITIES

Question and Answer expert @Chegg ,India
January 2022

Associate Head of Octave Music Society
January 2023- Present

Associate Event Management of Hobby Sub-council
March 2023-Present

📁 ACADEMIC PROJECT

My Portfolio
I have successfully designed my portfolio and added a hyperlink in top most part of my resume. Google Fonts contribute to diverse typography, while *CSS Flexbox* ensures responsive layouts. Likely, I've used *CSS Grid for structured section layouts.* JavaScript enhances the user experience with *smooth scrolling* and *asynchronous form submission to a Google Script.* These technologies collectively create an aesthetically pleasing, interactive, and functional portfolio, showcasing my skills as a competitive programmer and front-end developer.

Line Follower Robot
July,2022
I successfully crafted a Line Follower Robot (LFR) using an *Arduino UNO* microcontroller and a set of Infrared (IR) sensors. This autonomous robot is designed to navigate by detecting and tracking a black line path on a contrasting surface. The *IR sensors,* strategically placed beneath the robot, continuously scan the ground for the black line. Once detected, the Arduino UNO processes this sensory data and triggers precise adjustments in the robot's left and right wheel movements, ensuring it remains aligned with the path.

Social Distancing ID CARD
July,2023
Created a Social Distancing ID card incorporating Arduino UNO and *Ultrasonic Sensor technologies,* facilitating real-time proximity detection within a 0-100 cm range.