

# 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>B.tech in Electronics Engineering</b> Harcourt Butler Technical University • <b>CGPA 7.1 (till 2nd year)</b>	2021 – present Kanpur, India
<b>Intermediate</b> Onkareshwar Saraswati Vidya Niketan • <b>Percentage: 80% (UP Board)</b>	2020 Kanpur, India
<b>High School</b> Chacha Nehru Smarak Inter College • <b>Percentage : 85%(UP Board)</b>	2018 Kanpur, India

## 🧠 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 start 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.