Anshu Dwivedi

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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)**

SKILLS

- C++/C | Data Structures | Algorithms | Competitive Programming | HTML | CSS | Javascript | Problem solving

EXPERIENCE

- **Solved 500+ problems in C++ across various coding platforms**
- **5 star coder in Hackerrank and 2 star coder in Codechef**
- **Contest Ratings - Leetcode(1560) ,Codechef(1537),Codeforces (952)**
- **Solved 150+ problems on Codechef**
- **Worked as Question and Answer Expert in Physics @Chegg, India**
- **Guitar Mentor**

POSITION & RESPONSIBILITIES

Working as Guitar Instructor in Guru At Home
January 2022

Worked as Question and Answer expert @Chegg ,India
January 2022

Associate Head of Octave Music Society
January 2023- Present

PROJECTS

My Portfolio
Crafted my portfolio, leveraging HTML, CSS, and JavaScript to showcase my prowess in competitive programming and front-end development. Utilizing CSS Flexbox and Grid, I've ensured responsive and structured layouts. JavaScript enhances the user experience through smooth scrolling and asynchronous form submission to a Google Script. The portfolio seamlessly integrates three key projects. These projects collectively demonstrate my commitment to innovative web development, merging aesthetics with functionality.

Spotify Clone
Designed a comprehensive Spotify clone, employing HTML, CSS, and JavaScript, to replicate the essential functionalities of the original platform. The project features responsive design for seamless cross-device compatibility and incorporates dynamic content rendering for an engaging user experience. Key elements include intuitive playback controls, custom progress bars, and support for shuffle and repeat modes, providing users with a versatile listening experience. This endeavor underscores my proficiency in front-end development and my ability to tackle complex projects independently, showcasing my dedication to delivering high-quality software solutions.

Line Follower Robot
Developed 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.