Vatsal Chandrani

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 @vasuchandrani

SKILLS

- ❖ **C/C++**
- ❖ **Java**
- ❖ **DSA**
- ❖ **HTML, CSS, Javascript**
- ❖ **NodeJS**
- ❖ **ReactJS**
- ❖ **MongoDB**
- ❖ **Competitive Programming**
- ❖ **Problem Solving**

EDUCATION

- ❖ Information & Technology | DHARMSINH DESAI UNIVERSITY
  - ➢ SEM-1 – 9.14 SPI | (Aug '23 – Jan '24)
  - ➢ SEM-2 – 9.31 SPI | (Feb '24 – June '24)
  - ➢ SEM-3 – 8.44 SPI | (July '24 – Dec '24)

- ❖ XII (GHSEB) | ALPHA HIGH SCHOOL
  - ➢ 84.6% (PCM) | 2023
  - ➢ 94 percentile | JEE Mains

ACADEMIC PROJECTS

- ❖ **Hard-ware Project – Bluetooth Remote-control Solar-car**
  The Solar-car project involves designing a solar-powered car controlled via Bluetooth using a smartphone app. It showcases the integration of renewable energy with modern communication technology to create an eco-friendly vehicle.

- ❖ **Clone pages of Amazon and Spotify**
  In my first semester, I created clone pages of Amazon, Spotify and others to practice web development. This project honed my skills in HTML, CSS and JavaScript by replicating the UI and core features of both platforms.

- ❖ **Games using Java**
  - ➢ Snake Game
  - ➢ Brick Breaker Game

  While learning Java, I developed two games using Java: a Snake Game and a Brick Breaker Game. These projects enhanced my understanding of Java programming, game development, and interactive user interfaces.

- ❖ **FarmerHealper – DBMS based Farmer's Helper Portal**
  In my fourth semester, I developed FarmerHelper, a DBMS-based portal that provides accurate crop prices based on detailed crop and land information entered by users. This project showcases my skills in database management and practical application in the agricultural sector.

POSITION OF RESPONSIBILITY

- ❖ **Founder and Head of Programming Club | Dharmsinh Desai University**
  I am founder of a Programming Club which I establish within our college with my friend, we hold coding contest and problem-solving workshop on a weekly basis.

  As a head of the club, I discussed all the problems of contest in workshop and also interact with all the coders.

ACHIEVEMENTS

- ❖ **Established Programming Club**
  Founded a programming club at our college, fostering a collaborative and supportive environment for student to learn and grow their coding skills. Organized coding contest and problem solving workshop where I discuss every problem of contest with the participates for enhance the problem-solving skills.

- ❖ **Competitive Programming Excellence**
  Actively participated in competitive programming on platforms like Codeforces and LeetCode, achieving a rating of over 1000 in contests on both sites. Solved more than 300 problems combined, demonstrating good problem-solving abilities.