

# YUVRAJ VARSHNEY

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**College Roll No. : 2K21/MC/189**

## EDUCATION

B.TECH. (Mathematics and Computing Engineering)	2021-2025	Delhi Technological University, New Delhi	CGPA <b>9.68 / 10.0</b>
AISSCE/CBSE (Class XII)	2020	CR Oasis Senior Secondary School, New Delhi	<b>93.4 %</b>
AISCE/CBSE (Class X)	2018	Blue Bird Senior Secondary School, Aligarh	<b>96.8 %</b>

## ACADEMIC ACHIEVEMENTS AND AWARDS

- Department Rank – **01** in **First Year** and **Second Year**.
- Highest **GPA** in semester **1** , **2** and **3**.
- **Secured Rank 3** in coding contest **CODE ROYALE** conducted by DTU powered by **Coding Ninjas**.
- Solved **400+** programming **problems** on LeetCode / GeeksForGeeks / CodeStudio.

## ACADEMIC PROJECTS

### **Fund Flow Optimizer System – Data Structures and Algorithms , C++ | [GitHub](#)**

- The Fund Flow Minimizer System is a project aimed at reducing the number of transactions required to complete a settlement process.
- It utilizes advanced algorithms and data analysis techniques to identify patterns and dependencies in fund transfers, allowing for consolidation and streamlining of transactions.

### **PicDetective – HTML , CSS , JavaScript | [GitHub](#) | Link - <https://pic-detective.netlify.app>**

- Developed an **image searching website** utilizing an **API to deliver** an efficient and **user-friendly image search experience**.
- Utilized HTML, CSS, and JavaScript to create an **interactive** and visually **appealing front-end interface**, ensuring a seamless user experience while searching and browsing images.
- The images have been fetched from **Unsplash Image API**.

### **2048 Game – HTML , CSS , JavaScript | [GitHub](#) | Link - <https://2048-game-yuvraj.netlify.app>**

- Developed a fully functional 2048 game using HTML, CSS, and JavaScript, providing an **engaging and addictive gaming experience**.
- Demonstrated **strong problem-solving skills**, identifying and resolving issues promptly and enhancing the overall user experience.

### **Portfolio Website – HTML, CSS, JavaScript | Tells about the projects and other information.**

## TECHNICAL SKILLS AND SOFT SKILLS

- **Programming Languages** : C/C++, HTML, CSS, JavaScript
- **Core Subjects** : Data Structures and Algorithms, Object Oriented Programming (OOPS), Complexity Analysis, Programming Fundamentals
- **Developer Tools** : VS Code, DEV C++
- **Soft Skills** : Innovative, Analytical Thinking, Problem-Solving, Self-motivation

## EXTRACURRICULAR ACTIVITIES

- .Organized various events and fests in college by contributing into logistics and other related arrangements for the fests.
- **DESH K MENTOR** – Education and Career Mentor – Guided and helped Delhi Government school students by making them aware of career options and providing solutions to the problems in their social life.