

# SIVA SAI KUMAR NAGIREDDI

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## ABOUT ME

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I consider myself a self-motivated individual who strives for excellence in everything I do. Moreover, I believe in learning from my past mistakes and experiences and am always eager to enhance my skills. As a quick learner, I am confident that I will be able to adapt to any challenging situation and perform my duties efficiently.

## EDUCATION

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**Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram** 2020  
*BTech, in Electronics and Communications Engineering- CGPA - 7.95*

**Sri Chaitanya Junior College** 2017 – 2019  
*Intermediate Public Examinations - CGPA - 9.67*

**Sri Chaitanya School** 2014 – 2017  
*SSC Examinations - CGPA - 9.3*

## TECHNICAL SKILLS

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- Programming Language : C, C++ , Python, SQL.
- Web Technologies : HTML, CSS, JavaScript, Type script.
- Others : Data Structures and Algorithms , Problem Solving Skills ,OS, OOPS.
- Competitive Programming Handles : CodeChef - sivasai\_056 LeetCode - sivasai\_345

## PROJECTS

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Minesweeper Game | C++ August 2022

When we play this , we click on cells on a square board to reveal the contents of the cell. If a cell contains a mine, we loses the game, else we are still in the game. However, players can use hints given by the game, such as the number of mines in adjacent cells, to make educated guesses about where mines are located and avoid clicking on them. With practice and strategy, it is possible to win the game almost every time.

Morse Code Decoder | ML October 2022

It is a Python , ML project which is to decode Single key input into Voice, Done by using Kmeans clustering which works on Morse Code input. The final output is 90% accurate most of the time.

Simons Game | Web Dev December 2022

This is a classic memory-based game developed using JavaScript, jQuery and HTML/CSS. The game features a colorful, animated and responsive user interface, with increasing levels of difficulty as the player progresses. The objective of the game is to repeat a sequence of button presses that is presented to the player.

Sudoku Solver | DSA January 2022

It's a C++ project made using Backtracking. It solves given or Randomly Generated boards instantly.

## POSITION OF RESPONSIBILITY

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- Volunteered in Samgatha (Annual Cultural Celebration of IIITDM Kanchipuram), Publicity team.
- Volunteered in VASHISHT(TECHNICAL FEST Celebration of IIITDM Kanchipuram), Publicity team.

## ACHIEVEMENTS

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- A 3 Starer in CodeChef.
- Achieved 4th Rank in Our college and 255th overall, where 25 Thousands of people are participated in Starters 57C Conducted in CodeChef .
- Secured 1st rank in SRINIVASA RAMANUJAN MATHEMATICS OLYMPIAD (2015))
- Secured 2nd rank in NCO (National Cyber Olympiad) (2015)