

Swapnil Singh

Problem Solver — Coder — Developer — Eager Learner

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[LinkedIn](#) · [GitHub](#)



EDUCATION

Masters Of Computer Applications

(2022-Present)

National Institute of Technology Warangal

GPA 7.68

Bachelor of Science - IT (MU)

(2018-2021)

KJ Somaiya College of Science and Commerce, Vidyavihar

GPA 8.97

Higher Secondary School Certificate (CBSE)

(2017-2018)

Kendriya Vidyalaya No.2 Nausenabagh Visakhapatnam

PCM 82%

Secondary School Certificate (CBSE)

(2015-2016)

Kendriya Vidyalaya No.2 Nausenabagh Visakhapatnam

CGPA 10

SKILLS

- **Languages**

C++, Java, R, JavaScript, MYSQL, PHP, Python

- **Web Technology**

HTML5, CSS3

- **Libraries and other Tools**

Pandas, Matplotlib, Wordpress, Search Engine Optimization, Arduino

- **Other Skills**

Leadership, Problem Solving, Communication, Teamwork, Critical Thinking

- **Certificates**

Click to see my other [certificates](#)

PROJECTS

- **Smart Stick for the Blind**

[Link](#)

Using Arduino, GSM module, GPS module, soil moisture sensor, and Ultrasonic sensor prepared a stick which when used by a blind person could detect obstacles in front, could detect any pools of water, and most importantly sent the location (URL which can be opened using Google maps) of the user on the phone-number of his/her well wishers with just the press of a button.

- **C++ Puzzle sort game using OOPS concept**

[Link](#)

C++ based puzzle game to sort the given 2d array manually and put the 2 zeroes at the end of the array.

- **Hand Gesture Detection for Deaf and Mute**

[Link](#)

Using Arduino, GSM module, GPS module, soil moisture sensor, and Ultrasonic sensor prepared a stick which when used by a blind person could detect obstacles in front, could detect any pools of water, and most importantly sent the location (URL which can be opened using Google maps) of the user on the phone-number of his/her well wishers with just the press of a button.

- **RFID Based Smart Shelf**

[Link](#)

The proposed system is designed such that each item is equipped with its own cheap RFID chip which when put in a basket also equipped with one can be added, this results in the reduction of the hassle of standing and waiting in long queues by billing from the cart itself. Another benefit is security against potential theft as and replenishing the stock.

Experience

- **Dunn and Bradstreet**

Aug 2020 – Dec 2020 (5 months)

Call Processing

Influential Communication, Critical Thinking, Decision Making

Significant Roles

- **KJ Somaiya College of Science and Commerce**

Sep 2018 – Mar 2020 (19 months)

Technical Team Lead

Participated in technical College Fests including BINARY as Technical Team Lead

Achievements Honors

- **NIMCET 2022**

Secured an all India rank of 182

- **VITEEE MCA 2022**

Secured an all India rank of 266

- **BIT MCA 2022**

Got 347 Marks All India top 5

- **KIITEE 2022**

97.1314 Percentile

- **MAH MCA CET 2021**

99.5514 Percentile

- **INTER-NIT Swimming (Feb 2023)**

Represented NIT Warangal in the Inter-NIT Swimming competition conducted at NIT Rourkela

Hobbies

- Badminton, Coding, Swimming, Cycling, Reading Books

Coding Profiles

- Click here to see my [coding profiles](#)