

# SRIHITHA PULAPA

+91 9390003741    [cs22b2009@iiitdm.ac.in](mailto:cs22b2009@iiitdm.ac.in)    [Srihitha Pulapa](#)    [srihitha1234](#)

## Education

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### Indian Institute of Information Technology, Kancheepuram

*BTech in Computer Science and Engineering With specialization in Artificial Intelligence, CGPA 8.02 (currently in 2nd Year, complete)*

### Tirumala Mahila Junior Kalasala

*Board of Intermediate Education Andhra Pradesh, India, Percentage: 93.5*

**June 2018 – May 2022**

*Rajahmundry, Andhra Pradesh*

### Narayana Olympiad School, Rajahmundry

*Board of Secondary Education, Andhra Pradesh, Percentage: 100*

**Graduated in March 2020**

*Rajahmundry, Andhra Pradesh*

## Relevant Courses

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**Core Courses :** Data Structures and Algorithms , Applied Data Science, Object Oriented Programming , Problem Solving and Programming , Digital System Design, Design and Analysis of Algorithms , Optimization Techniques for Machine Learning , Discrete Structures for Computer Science , Calculus , Differential Equations , Linear Algebra.

**Design Courses :** Foundation for Engineering and Product Design , Sociology of Design.

**Other Courses :** Effective Language and Communication Skills, Earth, Environment and Design.

## SKILLS

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- **Programming :** Python, C, C++, Data Structures and Algorithms, CNN, HTML, CSS.
- **Tools :** Autocad, Jupyter Notebook , Pandas, NumPy, and Matplotlib.
- **Presentation Tools :** Latex , Excel, PowerPoint , Word
- **Soft Skills :** Strong Communication skills (Verbal and Written), Teamwork, Public Speaking, Presentation Skills

## PROJECTS

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### Forest Fire Detection

**November 2023**

- Worked on this project (Team Project) as a part of my 3rd Semester course, Applied Data Science.
- The purpose of the project is to automatically identify and classify images to determine whether a given scene contains signs of a forest fire.
- Skills Used: python, Tensorflow , Keras and CNN

### LABIN: Balanced Min Cut for Large-scale Data

**November 2023**

- Worked on this project (Team Project) as a part of my 3rd Semester course, Optimization Techniques for Machine Learning .
- The purpose of the project is to address challenges related to graph partitioning and minimum cut problems, especially in the context of large-scale datasets
- Skills Used: C++, Latex

## POSITIONS OF RESPONSIBILITY

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### Embedded Systems , IIITDM Kancheepuram

*Coordinator*

- \* Working to develop my skill set and inter-sectoral Collaboration

**July 2023 – present**

*Chennai, Tamil Nadu*

## EXTRACURRICULAR

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### National Sports Organization, IIITDM

*Chennai, Tamil Nadu*

**November 2022 – June 2023**

## AWARDS AND ACHIEVEMENTS

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- \* Secured National Ranks in various Olympiads like National Science, Maths and Computer Olympiads in high school.
- \* Selected for National Talent Search Examination Stage 2.
- \* Selected for Master Orator Round 2 conducted by Narayana School.