

OBJECTIVE

- I am a hardworking and ambitious individual with a great passion for Competitive Programming and Software Development.

EDUCATION

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| Indian Institute of Technology (BHU), Varanasi | July 2018 – Current |
| • IDD in Mechanical Engineering (Current CGPA: 8.11) | |
| Montessori Public School, Guntur, Andhra Pradesh | 2015 |
| • Board of Secondary Education, Andhra Pradesh (Percentage: 92.15%) | |
| Sri Chaitanya Junior Kalasala, Guntur, Andhra Pradesh | 2017 |
| • Board of Intermediate Education, Andhra Pradesh (Percentage: 96.8%) | |

SKILLS AND INTERESTS

- Languages: C, C++.
- Technologies: Ansys, Autocad, Adobe Photoshop, Adobe Illustrator.
- Areas of Interest: Competitive Programming, Data Structures, Algorithms.

PROJECTS

SUMMER PROJECT

May 2019 – July 2019

“ Characterisation and validation of Schlieren technique for capturing shock wave “

- Learned the basic aerodynamics involved in a jet.
- Solved problems in Ansys Fluent of transient flow using dynamic meshing, layering.

EXPLORATORY PROJECT

Jan 2020 – Mar 2020

- Developed a model of Energy Harvesting Football which stores Kinetic Energy that can be later used as a Power Bank.

POSITION OF RESPONSIBILITIES

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| • Joint Secretary at <i>Kashi Utkarsh</i> , a non-profit organization for the upliftment of underprivileged students. | August 2019 - Current |
| • Member of SAE Collegiate Club, under the Science and Technology Council. | February 2019 - Current |
| • Student Guide for fresher's in Induction Program 2019. | |

ACHIEVEMENTS / EXTRACURRICULAR ACTIVITIES

- Conducted workshops of SAE Club, Society of Automotive Engineers for juniors on the Engine and Transmission System.
- Runner-up in Inter - department fresher's boxing tournament.
- Participated in Goldberg's Alley and Axelerate, Remote Car Competition in Technex, the annual techno-management fest of IIT (BHU).
- Volunteer at Health and Hygiene Club, under the Social Service Council, which tries to improve the health and hygienic conditions of people belonging to backward areas.
- Participated in the Nitro Rally event of Robotics Module in Tehniche, the annual techno-management festival of IIT Guwahati.