

# PENMETSA JAGADEEP PANDU NAGA SAI VARMA

Room No: 9-10, Block- Phase 2 Boys Hostel

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Mahindra University

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## Education

**Bachelor of Technology (Computer Science and Engineering)**, Ecole Centrale School of Engineering.

Aug. 2022 – June 2026

Course work: Reinforcement Learning, Software Engineering, Digital Image Processing.

CGPA: 8.2/10 (till 5<sup>th</sup> semester)

**Intermediate**, Krishna Reddy's Sri Chaitanya College (SSC), Vijayawada, AP

Percentage: 97.8 %

June 2020 – May 2022

**10<sup>th</sup> Grade**, Swaminarayan Gurukul International School (CBSE), AP

May 2019 – June 2020

Percentage: 93.3 %

## Projects

**AI Race Car using Reinforcement Learning**

Jan. 2025 – Present

CS Club of Mahindra University

Using Reinforcement Learning to make an efficient self-Driving race car in Unreal Engine 5.

**Library Management System**

Jan. 2025 – Present

Mahindra University

A Mobile Application using flutter which includes a Bar code Scanner to issue books from the library.

**Object Detection using Digital Image Processing**

Aug. 2024 – Dec. 2024

Mahindra University

Detecting the objects in a moving/static frame(s) using YOLO v7.

## Skills

**Computational tools/skills:** C, C++, Python, JAVA, Dart, MATLAB, HTML, CSS.

**Design software:** AutoCAD, Flutter.

**Other Skills:** Competitive Programming, ML and DL using Python, Reinforcement Learning.

## Interests/Extra-curricular activities

**Sports:** Badminton, Volleyball.

**Interests:** Cinematography, Chess, Basketball.

**Social Service Initiatives:** Blood Donation, Heartathon (Marathon to create awareness about Cardio-vascular diseases).

