





Kalyan Cheva

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EDUCATION

SRM UNIVERSITY AP

B.Tech Computer Science and Engineering

June 2026

KSN Junior College (Intermediate - High School)

Maths, Physics, Chemistry

Current GPA: 9.45/10.0

June 2022

percentage: 95%

COURSEWORK

Courses: Object-Oriented Programming, Data Structures & Algorithms, Machine Learning, Discrete Math, Linear Algebra, Calculus, Physics, Probability & Statistics

SKILLS

Languages: C/C++, Python, JavaScript, HTML/CSS

Tools: Tableau, Git/GitHub, VS Code, Jupyter Notebook, PyCharm

Frameworks: Django, Flask, RBMS

Libraries: pandas, NumPy, Matplotlib, Machine learning (Regression, classification, deep learning, data preprocessing)

PROJECTS

Apka Pharma | *JavaScript, Python, Django, SQL, HTML/CSS*— ([GitHub](#))

Nov 2023

- Built a full-stack web application for Predictive Analytics With a comprehensive database
- Experimented with Python back-end to get best-suited medicine for the selected symptoms
- It provides 100% accurate medicine recommendations based on entered symptoms, while efficiently handling the entire medicine database and stock management
- Built and managed scalable, secure database for efficient inventory management and real-time information.

DigiFingers | *Python, OpenCV, Media-pipe, Pyautogui*— ([GitHub](#))

Jan. 2024

- A real-time hand gesture-based virtual mouse control interface using Python and MediaPipe.
- Utilized MediaPipe's machine-learning capabilities for robust gesture recognition.
- Achieved 90% accurate hand tracking and gesture recognition, offering a novel mouse alternative without physical contact

Math Solver | *C++, Object-Oriented Programming*— ([GitHub](#))

Aug. 2023

- A comprehensive mathematical toolkit, this project offers solutions through a console-based app providing a robust and efficient resource for mathematical tasks
- it includes 80% of all mathametical problems like basic calculations, matrix and vector operations, polynomial manipulations, complex number computations, mensuration, and equation solving

RESPONSIBILITIES

Coding Club | *Co-Convener*

Aug 2023 – Present

- Led 50+ workshops and coding competitions, fostering a collaborative and engaging learning environment.
- Developed problem solving skills by learning and applying new techniques for efficient solutions.
- Collaborated effectively with the team to enhance the club's appeal and activities, attracting 200+ new members and increasing participation.

ACHIEVEMENTS & HOBBIES

NPTEL(Joy Of Computing Using Python)

Secured 90% by acing all assignments & exams

Joint Entrance Examination

Secured 92.6 percentile(Strong foundation in maths & physics)

Competitive Programming

3 Star@Code Chef, Participated in many Contests, Solved 1000+ problems

Learning New Technologies

Very fascinated and quick in learning new things