Kalyan Cheva

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EDUCATION

SRM UNIVERSITY AP — June 2026
B.Tech Computer Science and Engineering — *Current GPA: 9.45/10.0*
KSN Junior College (Intermediate - High School) — June 2022
Maths, Physics, Chemistry — *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, RDBMS

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

PROJECTS

Apka Pharma | *JavaScript, Python, Django, SQL, HTML/CSS—* Nov 2023
- Developed a full-stack web application for predictive analytics with 100% accuracy using a comprehensive medical database.
- Designed and implemented a scalable and secure database solution capable of handling 100+ medications, enabling efficient inventory management and real-time access to stock for users.

FareFix | *JavaScript, Python, Django, Rest-Framework, SQL, HTML/CSS—* Mar 2024
- Built a full-stack platform for on-demand service exchange. Users create profiles, post/book 50+ services, and collaborate in real-time chat rooms for each service
- Created a comprehensive service marketplace connecting 1000+ providers and seekers. Users manage profiles, book services, and leverage dedicated chat rooms for seamless service coordination.

DigiFingers | *Python, OpenCV, Media-pipe, Pyautogui—* Jan. 2024
- Built a real-time, hand gesture-based virtual mouse control interface using Python and MediaPipe's machine learning with 0 latency for robust gesture recognition
- The system achieves a 90% accuracy rate in hand tracking and gesture recognition, offering a contactless and intuitive alternative to traditional physical mice.

Math Solver | *C++, Object-Oriented Programming—* Aug. 2023
- A comprehensive mathematical toolkit, this project offers solutions through a console-based app providing a robust and efficient resource for 30+ 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.
- Pioneered Troubleshooting skills by learning and applying new techniques for efficient solutions. And attracted 200+ new members and increased participation.

ACHIEVEMENTS & HOBBIES

NPTEL(Joy Of Computing Using Python)	Secured 90% by acing all assignments & exams
Joint Entrance Examination	Secured 96.2 percentile(Strong foundation in maths & physics)
Competitive Programming	3 Star@Code Chef, Participated in many Contests, Solved 1000+ problems