

# PRAVEEN KUMAR P

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*Dynamic Computer Science student with strengths in complex problem-solving, systems analysis, and engineering technology. Skilled in deductive and inductive reasoning, critical thinking, and information ordering. Proficient in programming, operations analysis, and judgment and decision-making. Committed to leveraging mathematical reasoning, originality, and fluency of ideas to deliver innovative solutions.*

## EDUCATION

- **2021-Present**  
BE – Computer Science and Engineering | 80% Marks | Government College of Engineering – Dharmapuri
- **2019-2021**  
Higher Secondary Education (12<sup>th</sup> Std) | 90% Marks | St. Mary's Higher Secondary School - Dindigul
- **2014 - 2019**  
Secondary Education (10<sup>th</sup> Std) | 85% Marks | St. Mary's Higher Secondary School - Dindigul

## EXPERIENCE

- **Internship @ IITM Research Park (Vaayusastra Aerospace)** - Jul 2024 – Aug 2024  
One month internship taken at Vaayusastra Aerospace IIT Madras to learn and analysis IT field.
- **Personal Management System Website Project**  
Designed and developed using HTML, CSS, Bootstrap, PHP, SQL, and MySQL for efficient data management and user interaction
- **Sign Language Detection and Recognition Project**  
Developed CNN model using cvzone library for real-time hand gesture recognition. Implemented Dynamical Dataset feature, enabling user expansion of sign symbols for continuous model training and improvement in Computer Vision applications.
- **Virtual Mouse Project**  
Python-based project utilizing OpenCV and PyAutoGUI for hands-free on-screen cursor manipulation, featuring basic movements, clicks, and optional gesture in computer interaction
- **News Letter for College | Fruit Identification | Flag Detection**

## CERTIFICATION

- Attended the State IT Development Conference by (TNSDC) government of Tamilnadu
- Android App Development Certificated by Internshala
- Networking Essentials Certificated by Cisco
- Python Fundamentals Certificated by Great Learning
- Python Certificated by Kaggle Artificial Intelligence Certificated by IBM

## SKILLS

- **Programming Languages:**  
C | JAVA | Python | C++ | Kotlin | HTML&CSS | Bootstrap | Php | Sql
- Android Mobile App Development.
- Web Development.
- Editing and designing.
- Full Stack and Software Development
- Proficiency in Data-Structural and algorithms Entity.
- Machine Learning and Natural Language Processing related project development.
- Team Communication, Collaboration and Time Optimization.
- Logical and Problem-Solving Abilities.

**Languages: Tamil and English**