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Mela Anuppani, Madurai 

# PRAVEEN KUMAR S

## CAREER OBJECTIVE

Looking to work in an organization that can provide a variety of opportunities that allow me to expand my skills and knowledge while working towards achieving the organizational goals.

## EDUCATION

**Velammal College of Engineering and Technology, Madurai.**

B.E. ELECTRONICS AND COMMUNICATION  
ENGINEERING WITH HONORS 2021-2025  
• CGPA-7.73

**Velammal Vidyalaya Viraganoor ,Madurai.**

HIGHER SECONDARY 2020-2021  
• Percentage-83.4%

**Velammal Vidyalaya Viraganoor ,Madurai.**

SECONDARY 2018-2019  
• Percentage-80.4%

## SKILLS

- Python
- C
- C++
- HTML & CSS
- MySQL

## PERSONALITY TRAITS

- Leadership and Determination.
- Problem-solving.
- Collaborative.
- Time Management.

## PROFESSIONAL EXPERIENCE

### INTERNSHIP EXPERIENCE

Avian Aerospace Pvt Ltd, Bangalore | July-2023

- Feature Detection And Development of 2D Orthomosaic Maps, 3D Photogrammetry And Autonomous Exploration of Drones.
- Introduction to UAV, Flight Controller Calibration, Introduction to 3D Printing Technology.

## PROJECTS

Domestic Security System

- Created a home security system that sends text and call alerts upon detecting intruders, utilizing a GSM module interfaced with Arduino Uno.

Simon Says

- Prepared a memory game, utilizing LEDs, buttons, resistors and Arduino Uno.

Customized Work Display

- Engineered a specialized monitor using Raspberry Pi 3B+ to efficiently organize personal tasks. This setup offers a functional and budget-friendly approach to improving productivity.

Personal Portfolio Development

- Created a responsive portfolio website using HTML and CSS to feature my projects and skills. Hosted on Vercel for seamless online access- <https://website-praveen-portfolio.vercel.app/>

## CERTIFICATIONS

- First Place in Idea Hackathon April|2023
- Elite Certification in Real-Time Digital Signal Processing. October|2023
- Google Certification on Cybersecurity. July-October|2023
- Elite + Slive in Signal Processing Techniques and its Application. January-April|2024

## EXTRA CURRICULAR

### SCHOOL-DISTRICT LEVEL

- Handball - Runners.
- Kho-Kho - Runners.

### INTER- COLLEGE

- Handball - Winners.
- Football,Basketball,Kho-Kho - Runners.

## AERAS OF INTEREST

- Computer Network.
- Cloud Computing.
- Software Development.
- Front- End Development.
- Image Processing.

## EVOLVING WORK

- Brain tumor detection using AI enabled & deep learning algorithm using AFF-U-Net

## WORKSHOP

- Attended a workshop on “Pixels to Predictions(Image Processing and Deep Learning)” conducted at NIT, Trichy. February|2023.

## PAPERS PRESENTED

- Presented a paper titled “ Farmer Friendly Robot” at Hindusthan College of Engineering and Technology. September| 2022.
- Presented a paper titled “ Automated Palsy ”at Velammal college of Engineering and Technology. March| 2023.
- Presented a paper titled “Performance Measure of classifiers on Histopathology images using Deep learning

## PERSONAL DETAILS

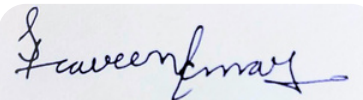
Father's Name: Srinivasan R

### Hobbies

- Reading Manga's
- Video Editing

### Languages

- Tamil
- English



Signature

Place: Madurai