



PRAVEEN KUMAR S

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Mela Anuppandi, Madurai



## 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-7.64

**Velammal Vidyalaya Viraganoor ,Madurai.**

HIGHER SECONDARY 2020-2021  
• Percentage-83.4%

**Velammal Vidyalaya Viraganoor ,Madurai.**

SECONDARY 2018-2019  
• Percentage-80.4%

### SKILLS

- Linux
- Python
- C
- C++
- HTML & CSS
- MySQL
- UI/UX

### 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

AWS Resource Inventory Automation

- Built a simple CLI tool in Bash to list AWS resources by service and region using AWS CLI.Helps users quickly check resources across multiple AWS services.

Web Application Deployment on AWS

- Built a robust web application infrastructure on AWS featuring VPC, EC2, Application Load Balancer, Bastion Host, and Auto Scaling to achieve high availability, security, and dynamic scalability.

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.

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.
- AI/ML/Deep learning

Place: Madurai

### 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.

### Simon Says

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

## 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 “ Farmar 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 at Velammal college of Engineering and Technology.
- Presented a paper titled “AI Early detection of Brain Tumor through AFF-U-NET. ” at IIIT Kottayam. December| 2024.
- Presented a paper titled “Deep Learning for Oral Cancer Detection: AFF-U- Net Performance Analysis . ” at Govt model Engineering college, Kochi. April| 2025.

## PERSONAL DETAILS

Father's Name: Srinivasan R

### Hobbies

- Reading Manga's
- Video Editing

### Languages

- Tamil
- English

  
Signature