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-7.74

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 & Java script
- 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 Photogammetry 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.

Food Delivery Website
- Developed and deployed a responsive food delivery website using HTML, CSS, and JavaScript via Cursor AI (Vibe Coding) and hosted it on AWS EC2 with Nginx

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.

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

- AZ-900 : Azure Fundamentals. September|2025

WORKSHOP

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

AERAS OF INTEREST

- Computer Network.
- Cloud Computing.
- Software Development.
- Front- End Development.
- Image Processing.
- AI/ML/Deep learning

EXTRA CURRICULAR

SCHOOL-DISTRICT LEVEL
- Handball - Runners.
- Kho-Kho - Runners.

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

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.

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/.

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 learing 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

Place: Madurai

Signature