

G.PRIYADARSHINI

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ACADEMIC DETAILS

Qualification	University/Board	Institution	Year of Passing	Aggregate
B.E (ECE)	Anna University	University college of engineering, Villupuram	2026	84.2%
HSC	State Board	National matric higher secondary school,Rajanthagal,Tiruvannamalai	2022	83.66%
SSLC	State Board	Moorthy matric higher secondary school vettavalam,Tiruvannamalai	2020	89.2%

TECHNICAL SKILLS

- **Programming Languages:** C programming, Verilog,Python
- **Hardware:** Raspberry Pico, Esp32, Esp32 CAM,

ACADEMIC PROJECTS

Smart License Plate Detection system with ESP32 CAM

- Designed and implemented a real-time vehicle number plate detection system using the ESP32-CAM module to capture images of incoming vehicles.
- Leveraged cloud-based OCR services to process images sent via Wi-Fi, enabling remote number plate recognition and integration with an IoT dashboard for smart vehicle monitoring and alerting.

Iot -Based Air Quality Monitoring system

- Designed and developed a smart air quality monitoring system using IoT sensors to measure environmental parameters such as CO₂, PM2.5, temperature, and humidity. Data was transmitted in real-time to a cloud platform for visualization and analysis, enabling remote monitoring and early detection of hazardous air conditions.

CERTIFICATION

- Value Added Course on Embedded Programming and IoT Applications | SUV International | FEB 2025.
- Basic About Digital Marketing | Coursera | MAY 2025
- Data Analytics Job Simulation | Deloitte | June 2025

ACHIEVEMENTS & ACTIVITIES

- Participated in the Embedded Systems Hands -on workshop conducted by Shanks's Code on 29th and 30th MAR 2025.
- Participated in Basic concepts of Electrical Engineering Quiz Program on 5th SEP 2024.
- Presented a Idea of | Smart Stethoscope| in Smart India Hackathon on SEP 2024.
- Participated in Idea maker2.0 which was organized by "StartupTN 2024

