

Pranav Dhirendra Sardare

EMBEDDED SYSTEM ENGINEER

To join an established organization and build a stable career.

Summary

Embedded systems professional with a focus on developing and implementing innovative solutions. Dedicated to applying expertise in embedded technologies to drive efficiency and progress in the field. Committed to continuous learning and contributing to organizational success.

Education

BTech – Electrical Engineering

Jul 2019 – Aug 2023

Bajaj Institute of Technology, Wardha
CGPA – 8.02

HSC

Jul 2018 – May 2019

New English Junior College, Wardha
Percentage: 60.00%

SSC

Jul 2016 – Jun 2017

Sushil Himmatsingka Vidyalyaya, Wardha
Percentage: 75.20%

Skills

- Languages : C, CPP, Embedded C, Data Structure, Linux, TCP/IP (Socket Programming)
- Hardware : ARM, 8051
- Protocols : UART, I2C, SPI, CAN
- Tools : GCC Compiler, Keil, MATLAB, Visual Studio, EasyEDA, Arduino IDE, Codes Blocks
- Operating Systems : Linux (Ubuntu), Windows

Major Project

Polyhouse Automation

Sep 2022 – Dec 2022

Team Size: 5

- Developed an Android application to monitor and control temperature, humidity, soil moisture, and light intensity in a polyhouse.
- Improved agricultural efficiency and automation through advanced monitoring and control features.
- Technologies: Arduino Uno, ESP8266, DHT22, NRF24L01, Firebase Server, EasyEDA, MIT App Inventor.





Industrial Fault Indication System with SMS Alert

Jul 2024

Individual

- Designed and implemented a real-time equipment fault detection and alert system.
- Delivered instant SMS alerts to maintenance personnel to ensure rapid response and timely intervention.
- Technologies: GSM, EEPROM, LM-35, MQ-2, Keil, Embedded C.

Certificates

	Vector India: Advance Embedded System	Oct 2024
	MATLAB Onramp	Jun 2022
	Solar Energy	Oct 2021
	Electric Cars: Technology	Sep 2021

Achievements And Activity

- Secured Third position in National Science Olympiad in 2012-13.
- Participated in Maharashtra Olympiad Movement 2013-14.
- Demonstrated leadership and organizational skills through active participation in extracurricular activities.

Qualities

- Good Listener
- Team Player
- Time Management
- Self-Management

Language

- English
- Hindi
- Marathi

Hobbies

- Cricket
- Travelling
- Swimming

Personal Details



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Khandate Layout, Shivaji Nagar Masala, Wardha, Maharashtra