

ANIKET JAGANNATH PAWAR

Contact- +91 8308667315

Email- aniketpawar7493@gmail.com

LinkedIn- <https://www.linkedin.com/in/aniket-pawar-1a438923a>

SUMMARY

Aspiring Embedded Systems Engineer with a strong foundation in Embedded C programming, microcontroller interfacing, and embedded Linux. Seeking an opportunity to apply technical skills, problem-solving abilities, and teamwork in a growth-oriented role within the embedded systems field.

EDUCATION

- **Post Graduate Diploma in Embedded System Design (PG-DESD)** (2024-25)
CDAC's Advance Computing Training School, Pune.
Percentage- 78.86%
- **Bachelor of Technology in Electronics Engineering** (2021-24)
Karmaveer Bhaurao Patil College of Engineering, Satara.
Percentage- 63.90%
- **Diploma in Computer Engineering** (2019-21)
Karmaveer Bhaurao Patil Polytechnic, Satara.
Percentage- 77.54%

TECHNICAL SKILLS

- Embedded C Programming
- Microcontrollers- ARM Cortex-M STM32, Cortex-A, RISC-V
- Communication Protocols- UART, I2C, SPI, CAN
- Operating System- Embedded Linux, FreeRTOS
- IoT- ESP32, Bluetooth, Wi-fi, Zigbee, MQTT, HTTP
- Platforms- STM32CubeIDE, Visual Studio, Arduino IDE

ACADEMIC PROJECTS

- **Adaptive Headlights with Real-Time Data Logging and Cloud Integration** (Feb 2025)
This project involves designing a smart automotive system using two STM32 microcontrollers: a Functional Control Unit (FCU) and a Telematics Control Unit (TCU). The FCU controls an adaptive headlight system, which dynamically adjusts high beams based on oncoming traffic and modifies headlight direction when turning. The sensor data from the FCU is transmitted via CAN bus to the TCU, which logs the data and sends it to the cloud using MQTT for remote monitoring and analysis. This system enhances vehicle safety and real-time data tracking

EXTRA CURRICULAR ACTIVITY

- **Coordinator, Training & Placement Committee KBPCOE, Satara** (2022-23)
Assisted in coordinating campus recruitment drives and career development activities.

LANGUAGES

- English- (Professional Working Proficiency)
 - Hindi- (Professional Working Proficiency)
 - Marathi- (Native/Bilingual Proficiency)
-