GAJANAN GHAWALE
Embedded System Developer

My Contact

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in gajanan-ghawale

Hard Skill

- Embedded C
- Data Structure and Algorithm
- Embedded OS
- Embedded Linux Device Drivers
- FreeRTOS

Soft Skill

- Problem Solving
- Decision making
- Communication
- Multi-tasking
- Remote Work
- Team Work

Education Background

- PG-DESD
  CDAC Pune.
  Mar 2022 - Oct 2022

- B.E in Electronics and Telecommunication.
  H.V.P.M college of engineering and technology, Amravati
  Aug 2013 - Jun 2016

- Diploma in Electronics and Telecommunication Engineering.
  Government Polytechnic, Amravati.
  Aug 2010 – Jun 2013

About Me

A motivated Embedded system designer, able to design real-time, reliable, and deterministic applications. Also, early architectural decisions strongly influence the ease and feasibility of detailed hardware and software implementations.

Projects

Developing intelligent blind spot detection system for Advanced car driving with event logging to AWS server
Sep 2022 – Sep 2022
Tech Stack: Free RTOS | CAN | STM32-Microcontroller | Embedded C SPI | UART | MQTT .

Key responsibilities:
Interfacing sensors, writing codes on the FreeRTOS platform, Integrating two ECU using CAN and helping to set up AWS thing. Managing code base on GitHub Made the same contribution to the team.

Autonomous Garden Cleaner
Mar 2016 – May 2016

Tech Stack: Arduino Uno | Bare Metal Electronic Platform.
Key responsibilities:
Interfacing sensers with board And integrating project modules in one structure. Testing codes on board. Made a contribution to the team. Taking All testing and make a record of it.

Power Generation Through Feedback And Improving Battery Life
Feb 2013 – Apr 2013

Tech Stack: IC555 | step-up transformer | amplitude amplifying electronic circuits.
Key responsibilities:
Designed and Developed battery charging circuit, Using IC555 Developed circuit Submit project before the deadline And made the same contribution with the team. Taking All testing and make a record of it.

Experiences

Jul 2019 –Feb 2020
City coordinator at Municipal council Mangrul (Pir), Washim.

Apr 2021 –Mar 2022
Community mobilizer at the Light of Life Trust, Akola.