


Mahesh Kokane

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PROFILE

An Electronics and Telecommunication Engineering Graduate, looking for opportunities to explore potential and to gain experience from a professional organization to continuously develop my technical skills in Embedded Systems, with an ambition to join the professional team and work in a progressive company for a long and rewarding career.

EDUCATION

B.tech in Electronics and telecommunication	2024
Dr. Babasaheb Ambedkar Technological University 	Raigad, Maharashtra
Higher Secondary School Certificate(HSC)	2020
Adv. B. D. Hambarde Mahavidyalaya Ashti 	Ashti, Maharashtra
Secondary School Certificate (SSC)	2018
V D Savarkar HS Chikhali 	Chikhali, Maharashtra

EXPERIENCE

Advanced Embedded system course 	Hyderabad, India
Completed Advanced Embedded Systems Course at Vector India Institute, Hyderabad.	

PROJECTS

Multi-Sensor Data Logger for Agriculture

- Designed and implemented an embedded system using the LPC2148 microcontroller.
- Incorporated DHT11 (temperature and humidity) and soil moisture sensors for comprehensive environmental monitoring.
- Captured real-time data and processed it using C programming on the Keil C compiler.
- Utilized UART communication to transmit data to a PC for analysis and displayed the data on an LCD for on device monitoring.
- Provided valuable insights for optimizing crop growth and irrigation schedules.

Microstrip Patch Antenna Using HFSS

- Designing a microstrip patch antenna using HFSS involves calculating the antenna dimensions based on the operating frequency and substrate properties.
- HFSS provides a powerful platform to simulate and analyze the antenna's performance, including return loss, radiation patterns, and gain.
- This project demonstrates the process of designing an antenna for applications such as Wi-Fi, GPS, or radar.

SKILLS

Programming Languages :

- C
- C++
- Embedded C
- Linux
- TCP/IP

Hardware

- Microcontrollers
- Communication Protocols (UART, SPI, I2C, CAN)
- Interfacing (LCD, ADC, LED,EEPROM,Timers, Keypad, Interrupt.

LANGUAGES

- English | Hindi | Marathi

ACTIVITIES

NCC Cadet

As an enthusiastic participant in the National Cadet Corps (NCC), my involvement has been marked by a commitment to discipline, teamwork, and personal development. Throughout my NCC journey.

DECLARATION

I hereby declare that information given above is correct and true.