

# MOHAMED IBRAHIM A

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## Objective

I look forward to and experience that is both intellectually and professionally valuable. Hope to see myself grow as a professional and individual working in an innovative and competitive world. Wish to contribute to the organisation with programable logic, hard work, sincerity, patience and definition.

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## Education

- **Sir sivasamy Balavidhyalaya Matriculation higher secondary school** 2016  
SSLC  
84.4%
- **Chellammal Matriculation higher secondary school** 2018  
HSC  
77.5%
- **Mohamed sathak engineering college** 2022  
B.E - Electric and Electronic Engineering  
76.4%
- **VECTOR India Chennai** 2022-Jul / 2023- jan  
Embedded systems

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## Skills

- C Language
- Embedded C
- Module 8051
- PROTOCOL: I2C
- SPI, CAN, UART

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## Projects

- **Solar power DC-DC convertor for hybrid Electrical vehicle**  
This project describes the a non -isolated dual input bridge-type dc dc converter for hybrid energy source integration, The proposed converter accommodates two sources using an inductor, a capacitor. two insulated -gate bipolar transistors (IGBTs) without the anti-parallel diode and two IGBTs with the anti -parallel diode, Battery with flywheel storage system is implemented for electric vehicle applications

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## Achievements & Awards

- Attended the webinar event on " Embedded system and its Application" conducted by Dr.N.G.P institute of technology, Coimbatore
- Webinar on piezoelectric based energy harvesting techniques, At Mohamed sathak AJ college of engineering, Chennai

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## Languages

- For Speak • English, Tamil For Read •English, Tamil For Write •English, Tamil

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## OS

- Windows and Ubuntu

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## Application Skills

- GCC Compiler
- Keil - IDE
- Proteus 8.6
- MS office

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## Strengths

- Adaptability to change interpersonal skills, team work and collaboration
- Strong commitment and dedication towards work
- Willingness towards learn