



# RAKESH SOMASHEKHAR CHOLIN

## PROFESSIONAL SUMMARY:

Enthusiastic intern with practical experience at Emertxe and Tata Elxsi, specializing in Embedded Software and Automotive Technology. Skilled in C and familiar with Python basics. Excited to contribute to projects in these fields, bringing a solid foundation and a problem-solving mindset.

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📍 Hubli, Karnataka, India.

🌐 Rakesh cholin

## TECHNICAL SKILLS

- Embedded system(8051).
- C programming.
- Basic's of Python.

## SOFT SKILLS

- Communication.
- Group leader.
- Test cases writing.

## LANGUAGES

- English
- Hindi
- Kannada

## INTERESTS

- Meditation.
- Carrom playing.
- Reading.

## CERTIFICATE

- Automotive Embedded Systems.
- PIC Programming.
- Embedded System.

## EDUCATION

### Bachelor of Engineering in Electrical and Electronics.

SDM College of Engineering and Technology Dharwad.

Year of passing: 2024 CGPA - 8.49

### Diploma in Electrical and Electronics.

K.H. Kabbur Institution of Engineering Vidyagiri Dharwad.

Year of passing: 2021 Percentage - 84.36

### High school.

Chaitra Kannada Convent School.

Year of passing: 2018 Percentage - 91.04

## ACADEMIC PROJECTS

- **Optimization of Power Capturing Capacity of Wind Turbine**
  - This is regarding increasing power capturing capacity of wind turbine By using the **ANFIS** model and **MATLAB** tool.
- **Obstacle avoiding machine using Arduino.**
  - The machine will identify the object and automatically it will take another way.
  - It can be used In Robots and in automatic vehicle control system.
- **Microwave Oven.**
  - This project is completed during my internship. In this project I worked on programming part.
  - The programme is written for the basic function of oven and simulated in the **PICSIM** Lab.

## INTERNSHIP

- Internship on “Embedded system(PIC microcontroller)” In **EMERTXE** organization.
- Internship at **TATA ELXSI** where I gained the knowledge about the Embedded system and the basic of automobile.
- Internship on ”Motor and Transformer manufacturing” in **NGEF** near Rayapur Dharwad.