

# Karan Deshmukh

karan.deshmukh.work@gmail.com — +91-9087654321  
linkedin.com/in/karan-deshmukh — github.com/karan-deshmukh

## Education

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**Bachelor of Engineering in Electronics & Telecommunication** 2021–2025  
Savitribai Phule Pune University  
CGPA: 7.2/10

## Experience

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**Technical Support Intern** April 2024 – June 2024  
Infotech Solutions, Pune

- Assisted customers in resolving basic hardware, networking, and system-related issues.
- Installed software updates and performed routine diagnostics.
- Documented troubleshooting steps and maintained support logs.

## Projects

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### Home Automation Using Arduino

*Arduino, C (basic), Sensors*

- Developed a simple home automation system controlling lights and fans using relays.
- Programmed microcontroller logic using Arduino IDE.

### Temperature & Humidity Monitoring System

*DHT11, ESP8266, IoT*

- Collected environmental data using sensors and displayed it on a mobile dashboard.
- Built basic IoT communication using ESP8266.

### Line Follower Robot

*IR Sensors, Embedded C*

- Designed a basic line-following robot for a college robotics competition.

## Technical Skills

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**Languages:** C (basic), Python (basic)

**Electronics:** Arduino, Sensors, Embedded Systems

**Tools:** MATLAB (basic), Multisim

**Soft Skills:** Communication, Problem Solving

## Achievements

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- Participated in multiple college-level robotics competitions.
- Secured 2nd place in an IoT mini-project exhibition.

## **Profile Summary**

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Enthusiastic engineering student with interest in electronics, IoT, and automation. Possesses basic programming knowledge in C and Python. Aspiring to transition into software development roles while building foundational coding and problem-solving skills.

## **Extra Activities**

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- Volunteer for technical fests and robotics events.
- Member of college electronics club.