

Karan Deshmukh

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Education

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

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

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

Languages: C (basic), Python (basic)

Electronics: Arduino, Sensors, Embedded Systems

Tools: MATLAB (basic), Multisim

Soft Skills: Communication, Problem Solving

Achievements

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

Profile Summary

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

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