

# Dinesh Kumar Ahirwar

Narmadapuram | dineshahirwar38356@gmail.com | +91 9109871948 |

linkedin.com/in/dinesh-kumar-ahirwar-32b10b285 | github.com/dineshahirwar38356

## Profile

"Results-driven Electronic and Communication Engineering student with hands-on experience in circuit design and embedded systems. Proficient in programming languages such as C, C++ and Java. Adept at working on team projects and eager to apply theoretical knowledge in a practical engineering environment. Seeking an internship to further develop technical skills and contribute to innovative solutions".

## Education

**Bachelor of technology in Electronics and Communication Engineering** Nov 2022 – June 2026  
**Lakshmi Narain College Of Technology, Bhopal Madhya Pradesh**

CGPA: 6.78

**12th Vivekanand Public Higher Secondary School Sohagpur** 2022

PERCENTAGE: 78.8/100

**10th Gyan Sagar International School Sohagpur** 2018

PERCENTAGE: 48.8/100

## Technologies

### Languages:

- |                |            |
|----------------|------------|
| • C and C++    | HTML       |
| • Java and DSA | CSS        |
| • Bootstrap    | JavaScript |
| • NodeJS       |            |

## Projects

### Basic Line-Following Robot

- Designed and programmed a line-following robot using Arduino and IR sensors.
- Implemented basic PID control to ensure accurate line tracking.

### Intelligent Traffic Light Signal System

- Designed a simple intelligent traffic light signal system using embedded system.
- The system aims to improve traffic management through adaptive signal control, responding to real-time traffic conditions

### Polar Graph (V-Plotter)

- Designed and developed a low-cost **CNC-based vertical plotter** capable of drawing vector graphics using two stepper motors, pulleys, and a pen assembly.
- Demonstrated potential applications in **PCB prototyping, automated sketching, and digital fabrication.**

## Certifications

**Cisco:** Introduction to CyberSecurity

**Cisco:** Cybersecurity Essentials

**Cisco:** Introduction to Packet Tracer

**Indeyes:** NodeMCU Programming

**Indeyes:** Embedded Systems