

Dinesh Kumar Ahirwar

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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