

Dinesh Kumar Ahirwar

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Profile

Motivated B.Tech student in Electronics and Communication Engineering (2026) with a strong foundation in C, C++, and Java. Actively learning full-stack web development using the MERN stack (React.js, Node.js, Express.js, MongoDB). Hands-on experience with embedded systems and Arduino-based projects. Seeking internship or entry-level opportunities to apply problem-solving and development skills in real-world projects.

Education

Bachelor of technology in Electronics and Communication Engineering Lakshmi Narain College Of Technology, Bhopal Madhya Pradesh	Nov 2022 – June 2026
CGPA: 6.78	
12th- Vivekanand Public Higher Secondary School Sohagpur PERCENTAGE: 78.8/100	2022

10th- Gyan Sagar International School Sohagpur PERCENTAGE: 48.8/100	2018
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Technical Skills

Programming Languages:

- C, C++
- Java

Web Technologies:

- HTML, CSS, JavaScript

Frameworks & Runtime:

- Bootstrap
- Node.js

Developer Tools & Platforms:

- Git
- GitHub
- VS Code

Core Concepts:

- Data Structures and Algorithms (DSA)

Languages

- English – Professional Working Proficiency
- Hindi – Native / Full Professional Proficiency

Projects

Personal Resume Portfolio Website

[Click Here](#)

- **Technologies Used:** HTML, CSS, JavaScript, Git, GitHub, Netlify
- **Role:** Designed, developed, and deployed the complete website independently.
- Created a responsive, user-friendly interface for desktop and mobile devices.

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

Declaration

I hereby declare that the information furnished above is true and correct to the best of my knowledge and belief.

Dinesh Kumar Ahirwar

Date: