

# KAUSHAL SINGH AHIRWAR



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Portfolio : <https://kaushal-port.netlify.app>  
Location : Bhopal, M.P. 462022

## OBJECTIVE

Adaptable and detail-oriented B.Tech CSE student proficient in C++ and core computer science fundamentals. Strong in logical thinking and analytical problem-solving, with hands-on experience in real-world academic projects. Eager to contribute to a growth-driven organization and develop robust software solutions while continuously expanding technical expertise.

## EDUCATIONAL QUALIFICATIONS

<b>BACHELOR OF TECHNOLOGY</b>	<b>2022-26</b>	<b>CGPA 6.80</b>
Bansal College of Engineering, Mandideep		
<b>SECONDARY SCHOOL</b>	<b>2020</b>	<b>83.25 %</b>
Govt. Ordnance Factory Higher Secondary School		
<b>HIGHER SECONDARY SCHOOL</b>	<b>2022</b>	<b>72 %</b>
Govt. Ordnance Factory Higher Secondary School		

## TECHNICAL SKILLS

- **Programming Languages:** C++, Python.
- **Database:** MySQL
- **Tools & Technology:** OOP Concepts, VS Code, Antigravity, GitHub, Netlify
- **Professional Skills:** Team Collaboration, Adaptability, Fast Learner, Well-disciplined, Punctual.

## CERTIFICATIONS

- Completed Basics of Python certification from Infosys.
- Earned Problem Solving Certificate from **HackerRank**.
- Completed 45 days of C++ programming training at **VishwaTech Education**.
- Participated in **Codictive 3.0 (IDEA Hackathon)** as part of Team Seamless Hunters, organized by Sheryians Coding School, Bhopal.

## KEY ACHIEVEMENTS

- Won medals for three consecutive years in the 6 km **Pankh Marathon** organized by **Bansal News**.
- Participated in **Codictive 3.0 (State-Level Hackathon)**, demonstrating strong technical and problem-solving skills.
- Served as **NCC Troop Captain**, organized and led the parade at **Bansalotsav 2025**, demonstrating exceptional leadership, discipline, and team coordination.

## PROJECTS

### TrackIt – Student Fee Billing System

- Developed a secure web-based application using Python (Flask) for managing and tracking student fee records.
- Integrated MySQL database for efficient data storage, retrieval, and transaction processing.
- Implemented role-based access control (RBAC) to ensure secure operations for administrators and staff
- Enhanced workflow automation and improved accuracy in billing management.

### Cheat Catcher – Real-Time Proctoring System

- Built a Python-based proctoring tool using OpenCV and Dlib to detect no face, multiple faces, and suspicious eye movements in real time.
- Automated event logging with timestamps, triggered audio alerts, and generated detailed PDF reports for proctoring analysis.
- Designed for secure and efficient monitoring during online examinations.

## INTERESTS

Home Workout, Playing Volleyball, Vibe Coding, Exploring AI tools for photo editing and knowledge enhancement.