## SHIVNANDAN VERMA

CSE - AI&ML

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### **Profile Summary**

Passionate about system-level software and intelligent technologies, I thrive on solving complex challenges and developing real-time, scalable solutions. I blend analytical thinking with technical expertise to build impactful applications..

#### Education

# B.Tech - CSE (AI & ML)

Sagar Institute of Science, Technology & Research, Bhopal - MP (2022-2026)

**CGPA: 7.40** 

# Senior Secondary - MP State Board

Govt. Excellence School, Chhindwara (2022) - 75 %

## **High School - MP State Board**

Govt. High School, Chhindwara (2020) - 81 %

#### **Technical Skills**

- C, Java, Python, JavaScript
- Machine Learning: Scikit-learn, TensorFlow, LLM
- HTML, CSS, React.js, Flask
- Git & GitHub

## **Certifications & Trainings**

- Completed **AI Builder Lab** Course from H2SKILL.
- Completed 15-days Training on **Machine Learning** from SISTec, Bhopal.
- Completed **Python Essentials 1** Course from CISCO.
- Completed **Problem Solving** Certificate from HackerRank.

## **Internships**

**Domain**: AI&ML (Online)

**Organization**: Internship Studio (Jan-Feb 2024). Built a face recognition model using PCA, LDA, and MLP for face classification after preprocessing grayscale images and applying dimensionality reduction.

**Domain**: Software Development (Online) **Organization**: Cognifyz (July-August 2024)
Built and optimized program logic and algorithms for real-world software during internship.

## **Projects**

Title: <u>Sympcare</u> - AI-Powered Healthcare Solution

Technology: MERN, ML, Flask

Developed SympCare, an AI-driven healthcare platform that provides symptom-based disease prediction, health recommendations, and chatbot support. Integrated ML models to enable real-time diagnostic analysis and personalized assistance.

**Title**: PrePlace - Placement Preparation **Technology:** HTML, CSS, Js, ML, Flask

Built a responsive platform with ML-driven personalized guidance, featuring clean UI, dynamic content sections, and company-specific preparation insights.

Title: SIH Website - Web Application for

SISTEC Innovation Hackathon

Technology: MERN

Built a MERN-based Hackathon website with a dynamic UI and admin panel to manage registrations, team data, and event logistics. Included secure authentication, real-time updates, and responsive design.

#### Co-Curricular Activities & Accolades

- Winner Binary Battle Hackathon @RNTU & SGSU
- Winner Codetive 3.0 Hackathon @BIST
- **Top 10 Finalist** Health Hackathon @ VIT (among 1000+ applicants)
- **Participant** AI Innovation Hackathon @SISTec
- TNP Coordinator Student Activity Council, @SISTec

#### **Interpersonal Skills**

- Cross-functional Teamwork
- Adaptability & Ready to take charge

#### **Hobbies**

- Poetry writing
- Networking