

# KOPAL KHARE

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## SUMMARY

Aspiring AI/ML engineer and B.Tech CSE student (AI/ML Minor) with hands-on project experience in deep learning, computer vision, and NLP. Proficient in Python, Flask, TensorFlow, and web technologies. Strong problem-solving and collaboration skills, eager to contribute to impactful AI solutions as a fresher.

## TECHNICAL SKILLS

**Programming Languages:** Python, C++, Java

**Deep Learning Frameworks :** TensorFlow, Pytorch

**Libraries & Tools:** NumPy, Pandas, Scikit-learn, OpenCV, Git

## PROJECTS

### **Study Coach – AI-Powered Productivity Scheduler**

Jan 2025 – Apr 2025

#### **AI-Powered Web Application**

Flask, HTML, CSS, JavaScript, Google Gemini API.

- Built an AI web app to generate smart daily routines for students using the Google Gemini API
- Developed using Flask (backend), HTML/CSS/JS (frontend), and hosted on Lovable.app
- Resulted in 30% higher scheduling efficiency based on user feedback

### **Cognita – AI-Powered Web Browser**

Sep 2024 – Dec 2024

#### **Cross-Platform NLP & Vision Tool**

NLP, Computer Vision, Python, HTML/CSS, JavaScript

- Developed a browser with real-time text summarization and object recognition
- Leveraged NLP and Computer Vision for content accessibility and reduced read time by 40%

## EXPERIENCE & LEADERSHIP

### **Blockchain Club – Core Member**

June 2024 – Present

- Organized 4+ tech events with 500+ participants, including collaborations with Accelchain and Notion.

### **Event Management – Core Member**

Oct 2024 – Present

- Managed logistics for AdvItya'25 with 8K+ attendees & celebrity performances.
- Contributed to VIT Convocation attended by Hon'ble CM of Madhya Pradesh.

### **National Service Scheme (NSS) – Volunteer**

July 2024 – Present

- Led blood donation camp with 400+ student donors.
- Planted 8,000+ saplings and promoted public health via Swachh Bharat drives.

## EDUCATION

### **VIT Bhopal University**

Bhopal, MP

B.Tech in Computer Science and Engineering, AI & ML.

Sept 2023- May2027

GPA: 8.13/10

### **Carmel Convent Sr. Sec. School, BHEL**

Bhopal, MP

12th CBSE: 7.6/10

2023

10th CBSE: 8.9/10

2021

## CERTIFICATIONS

- IBM Machine Learning Specialization – Coursera
- Python Essentials – Vityarthi
- Fundamentals of AI & ML – Vityarthi