

# Raj Bharti

AI Innovator • Cybersecurity Enthusiast

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## Education

**Kendriya Vidyalaya, Ghazipur — CBSE Board**

Completed Class 12 (2025)

Class 10: 80% • Class 12: 73%

Qualified JEE Mains 2025

Awards: Essay Writing Winner (Hindi) — PMO Certificate; 1st Prize,  
School Drawing Competition (CCA)

## Technical Projects

### My Mitra — Emotional AI Mentor App

Privacy-first AI companion providing emotional support, journaling, and habit tracking for students.



Optimized for low-end devices with offline LLMs and local server architecture.

### Jarvis Coder — Offline AI Coding Assistant

Local AI coding environment using FastAPI, Monaco Editor, and Ollama API.



Enables offline coding assistance, real-time debugging, and secure execution.

### IntervAI — AI Interview Preparation Platform

Full-stack AI app for mock interviews with voice & text input.

Whisper

LLM APIs

Analytics

Real-time feedback, performance tracking, and resume-based question generation.

### Time Twister — Scratch Project for CS50

Interactive time-travel mini-game demonstrating logic and storytelling.

Scratch

CS50

Built as part of Harvard's CS50 to showcase creativity and design.

## Skills

**Languages & Frameworks:** Python, JavaScript, C++, React, FastAPI, Flutter, SQL, Docker

**AI & Tools:** LLMs (Ollama, Mistral, GPT), Whisper, HuggingFace, Git, Linux

**Cybersecurity:** Ethical Hacking basics, Network Security, System Hardening

**Other:** Version Control (Git/GitHub), Project Management, Leadership

## Certifications & Achievements

Harvard CS50x — Introduction to Computer Science

AI for Everyone — Coursera (Planned Completion)

Harvard CS50 Cybersecurity — Completed Lectures & Assignments

Introduction to Embedded Systems — Coursera

Cisco Networking Academy — Introduction to Cybersecurity

Version Control with Git — Coursera

Junior Cybersecurity Analyst Career Path (Ongoing)

Python Bootcamp — CodeWithHarry (Udemy)

## Leadership & Extracurricular

Prefect Captain, Kendriya Vidyalaya Ghazipur — Led school activities and student initiatives.

Organized and participated in Clean India Movement & Run for Unity campaigns.

Mentored juniors preparing for JEE — guidance on study planning and mindset.

Contributed to open-source projects and community-driven AI tools.

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## Vision Statement

*"To create intelligent, emotionally aware AI systems that empower humans, bridge emotional gaps, and make technology more humane."*