Raj Bharti

AI Innovator • Cybersecurity Enthusiast

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in LinkedIn

Standard

High

Print

Landscape

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.

Flutter   FastAPI   Python   Ollama   Mistral

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.

FastAPI • JavaScript • Monaco Editor • Ollama

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

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Certifications & Achievements

Harvard CS50x — Introduction to Computer Science

Harvard CS50 Cybersecurity — Completed Lectures & Assignments

Cisco Networking Academy — Introduction to Cybersecurity

Junior Cybersecurity Analyst Career Path (Ongoing)

AI for Everyone — Coursera (Planned Completion)

Introduction to Embedded Systems — Coursera

Version Control with Git — Coursera

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.

Vision Statement

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