

# Happy Yadav

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## EDUCATION

### Chitkara University

Bachelor of Computer Applications

Punjab, India

2023-2026

## WORK EXPERIENCE

### Software Engineer

Bihar Innovation, Gurgaon

Dec 2024 – May 2025

- **Designed and developed scalable full-stack solutions**, including Learning, Hospital, and Pharmaceutical Management Systems, as well as platforms for NGOs and e-commerce, with a focus on performance and maintainability.
- **Implemented real-time features, scheduling logic, PWA capabilities, and cloud-based integrations** to ensure reliability, responsiveness, and seamless user experiences across devices.

### Backend Developer

Hunar.ai, Gurgaon

Jun 2024 – Aug 2024

- Developed optimized database extraction processes in **Backend** using **SQL** queries, enhancing reporting efficiency by **30%** for **20+** clients managing over **100,000** data entries.

### Technical Director

Coding Ninjas Club, Chitkara University

February 2024 - Present

- Responsible for managing the **Club's Website**, all **technical projects**, coordinating coding initiatives, and providing team support through code reviews and guidance.

## PROJECTS

### Sankalpiq: Multi AI-Agent Automation [Link](#)

- Architected enterprise-grade AI Automation Suite using LLMs, Pinecone, minilm-l6-v2, FastAPI, Docker, Selenium and LangChain orchestration, deploying autonomous micro-agents (CLI Email Automation, Voice FAQ/Data Collection, WhatsApp Outreach, Streamlit Dashboard) with semantic search, real-time telephonic interactions, and scalable messaging infrastructure, achieving 50% operational efficiency and 40% stakeholder engagement across NGOs.

### Aura.ai: Text to Instant Video Creation SaaS Platform [Link](#)

- Developed an AI SaaS platform that automates video creation from text-based doc inputs with summarization, voice-over, and multilingual support, enhancing accessibility in education and corporate training.
- Integrated interactive quizzes and an analytics dashboard to track user engagement, retention, and comprehension through viewership data and quiz performance, aurabot for custom knowledge based queries, AR/VR integration, sign language video generation, and voice-activated navigation for inclusivity.

### Prereet Foundation [Link](#)

- Built a full-stack NGO management platform with donation tracking, email automation, Razorpay integration, PWA support, Redis Caching and real-time analytics, improving efficiency by 50% and reducing manual workload through automation, chatbot support, and dynamic project/certificate/team/volunteer management.

## ACHIEVEMENTS

- Top 22 National Finalist & Social Buzz Winner at **Bajaj Finserv HackRx 5.0**
- Winner at **Aditya Birla Group's Synaptix Hackathon'25**, hosted by Delhi Technological University
- Selected for **Github Field Day'24** at **Microsoft HQ**, Gurgaon
- **First Runner-Up** at FusionFest Hackathon, Chitkara University
- **Finalist & Social Buzz Winner** at **Vihaan 7.0**, Delhi Technological University

## TECHNICAL SKILLS

**Programming Languages:** Python, C++, C, JavaScript, SQL, Express, TypeScript, Nodejs, React

**AI/LLM Technologies:** LangChain, LangGraph, LangSmith, LLM Embeddings, Pinecone, NLP, RAGs

**Others :** Git, Docker, MongoDB, Firebase, SQLite, Selenium, BeautifulSoup, Kafka, Redis