

Happy Yadav

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EDUCATION

Chitkara University

Bachelor of Computer Applications

Punjab, India

2023-2026

WORK EXPERIENCE

Software Engineering Intern

Bihar Innovation, Bihar

Dec 2024 – May 2025

- Developed and optimized **ERP, CRM, LMS, HMS, Pharmaceutical, NGOs and e-commerce solutions** with scalable architectures and efficient data management.
- Engineered management systems with scheduling algorithms, real-time updates, **Progressive Web App(PWA)** and fault-tolerant cloud integrations for seamless performance.

Backend Intern

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 [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 [Link](#)

- Developed an AI 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

- Bajaj Finserv HackRx 5.0** — Top 22 Finalist (out of 700+ teams) & Social Buzz Winner.
- Aditya Birla Group's Synaptix Hackathon'25** — Winner at Delhi Technological University.
- Microsoft** — Selected from 670+ nationwide applicants for exclusive Github Field Day at Gurgaon HQ.
- FusionFest Hackathon** — 1st Runner-Up at DTC, Chitkara University.
- Innovest 3.0** — Top 10 Finalist (from 573+ competing teams) by CEED, Chitkara University.
- Vihaan 7.0** — Finalist & Social Buzz Winner at Delhi Technological University.

TECHNICAL SKILLS

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

AI/LLM Technologies: LangChain, LangGraph, LangSmith, LLM Embeddings, Pinecone

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