

Yash Kamra

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🌐 LinkedIn

🐙 GitHub

🔗 LeetCode

EDUCATION

Manipal University Jaipur

B.Tech in Information Technology — CGPA: 7.93

Jaipur, India

Sep 2022 – May 2026

Bal Bharati Public School

CBSE Class XII — Score: 83.6%

Rohini, Delhi

Apr 2021 – Mar 2022

SKILLS SUMMARY

Programming Languages: Python, C, C++, JavaScript

Web Technologies & APIs: REST APIs, FastAPI, React.js, Node.js

Databases: MySQL, Relational Databases, SQL Query Optimization

Data Analytics & Visualization: Power BI, Looker Studio, Excel (Advanced)

Data & AI Tools: NumPy, Pandas, LLM Integration, LangChain, FAISS, Tensorflow

Data Engineering: Big Data, ETL Pipelines, Data Ingestion, Apache Airflow

Delivery & Project Management: Agile & Waterfall SDLC, Scrum Concepts, Jira, Rally

Cloud & Developer Tools: Google Cloud Platform, Git, GitHub

Soft Skills: Leadership, Teamwork, Problem Solving

EXPERIENCE

Automation Apprentice

Gurugram, India

American Express

July 2025 – Till Jan 2026

- Engineered and maintained automated data pipelines for large-scale data ingestion and transformation, improving data processing efficiency.
- Developed automation solutions to optimize internal workflows and reporting processes.

Data Analyst Intern

Gurugram, India

SoftwareOne

May 2025 – July 2025

- Analyzed data trends to identify key business insights and created automated reporting solutions.

PROJECTS

LegalEase: AI Legal Research & Practice Management System (Python, FastAPI, Next.js, LangChain, Selenium):

- A full-stack platform for the Indian legal community that combines AI-powered research with practice management tools.
- An intelligent legal assistant using LangChain that routes user questions to either search a private document library (using FAISS vector store) or fetch live case law from the internet.
- Created a targeted web scraper with Selenium and BeautifulSoup that searches indiankanoon.org for relevant precedents and case law based on specific legal queries.
- Implemented a complete practice management system with SQLAlchemy ORM for managing clients, cases, important dates, and fee tracking.
- Designed the frontend with Next.js and Tailwind CSS, focusing on a professional interface that lawyers would actually want to use.

Lerno.ai – Generative AI E-Learning Platform (React, Python, FastAPI, LangChain) [🐙GitHub](#):

- Architected a full-stack AI platform that programmatically generates animated video lessons and quizzes from a single text prompt.
- Engineered a FastAPI backend using an async LangChain pipeline to orchestrate LLMs (Claude/Gemini) for creating storyboards, narration, and quizzes.
- Developed the core AI feature that translates natural language instructions into runnable Python code for the Manim animation engine.
- Built a dynamic React/TypeScript frontend with karaoke-style narration synchronized with Murf.ai text-to-speech audio.
- Integrated Firebase for asset storage and a Node.js webhook for live voice AI tutoring via Twilio/VAPI.

FitPose AI: AI-Powered Fitness Trainer (Next.js, Python, MediaPipe, FastAPI) [🐙GitHub](#):

- Architected a full-stack AI platform that generates animated video lessons and quizzes from text prompts.
- Engineered an async FastAPI + LangChain pipeline orchestrating Claude/Gemini for storyboards, narration, and assessments.
- Built an AI code-generation engine translating natural language into Manim animation scripts.
- Developed a React/TypeScript frontend with karaoke-style narration synced with Murf.ai TTS.
- Integrated Firebase storage and live voice tutoring via Node.js webhooks with Twilio/VAPI.

AWARDS AND PARTICIPATIONS

- 2x Hackathon Winner
- Startup Conclave Winner 2025, Jaipur
- Winner, National RoboCup 2019 (Maze Solving)

CERTIFICATIONS

- Cisco: Introduction to Cybersecurity
- Juniper Networks: JNCIA-Cloud (Cloud, Associate)
- Efficient DevOps with SAP