

# Karan Kalra

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#101 East Durga Nagar, Ambala City, Haryana 134003

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## Summary

Motivated and detail-oriented Computer Science student specializing in Artificial Intelligence and Machine Learning. Strong foundation in data analysis, web development, and model development using libraries such as Scikit-learn, Pandas, and NumPy. Passionate about building impactful web applications that integrate AI, with a keen interest in the emerging field of Agentic AI and its potential to drive automation and intelligent decision-making.

## Skills

- Programming & Core CS: Data Structures & Algorithms (DSA), Java
- Data Analysis & Machine Learning: Scikit-learn, Matplotlib, Pandas, NumPy
- Web Development: Flask, React.js, Node.js
- AI & LLMs: Agentic AI, Prompt Engineering
- Databases & Tools: SQL, Git, MongoDB

## Work Experience

### **Internshala Trainings — Machine Learning Trainee (June 2024 – August 2024)**

Trained in core ML algorithms and applied them using Python and scikit-learn. Built and evaluated predictive models with real-world datasets.

### **Deloitte Australia Virtual Internship — Data Analytics Job Simulation (June 2025)**

Completed a forensic data analysis simulation project. Used Excel to classify data and Tableau to create an interactive dashboard.

## Education

Bachelor of Technology in Computer Science and Artificial Intelligence  
Chitkara University, Rajpura, Punjab — Aug 2023 – Jun 2027

CGPA: 9.32 / 10

Class XII – 82.6% (Tulsi Public School, Ambala City, 2022)

Class X – 87.6% (St. Joseph School, Ambala City, 2020)

## Projects

- **Humint Chatbot** – Built an intelligent chatbot using the Gemini API and MERN stack, facilitating rich, context-aware conversations powered by LLM integration. GitHub: [github.com/karan0110k/HumanInt](https://github.com/karan0110k/HumanInt).
- **NewsEdge AI** – Developed and deployed a Streamlit-based Agentic AI news application, fetching, summarizing, and delivering real-time news using LLMs. GitHub: [github.com/karan0110k/News-Article-agent](https://github.com/karan0110k/News-Article-agent).
- **AI Interview Pro** – Created an Agentic AI interview assistant using Flask and LLMs, which asks resume-based interview questions and evaluates candidate responses for feedback. GitHub: [github.com/karan0110k/Ai-Interview-Pro](https://github.com/karan0110k/Ai-Interview-Pro).

## Key Achievements

- **Research Paper Publication:** Published in CRC Book Press on Privacy Preservation in Healthcare Using ML.
- **AI Create 3.0 – 2nd Position:** Developed a custom prompt and trained an AI model to generate creative images.
- **International Conference Presentation:** Finalist in the International Conference on Quality Assurance in Higher Education.
- Selected among the Top 10 teams at Chitkara University for the SAP Hackathon, recognized for developing an innovative mouse pointer analysis approach.