

Karan Kalra

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#101 East Durga Nagar, Ambala City, Haryana 134003

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.
- **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.
- **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.

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.