

Mankirat Kaur

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SUMMARY

Aspiring AI/ML engineer and CSE-AI student at Chitkara University. Skilled in Python, C++, Java, Django, and modern web technologies. Passionate about creating intelligent, efficient, and socially impactful AI solutions. Experienced in ML, data analysis, and event leadership.

EXPERIENCE

Event Coordinator — Evolve AI Club, Chitkara University Mar 2024 – Present

- Organizing and managing technical events such as AI.Create and Genesis Gala.
- Coordinating logistics, participant engagement, and promotion strategies.
- Enhanced leadership, teamwork, and technical coordination skills.

Data Analyst (Simulation) — Accenture North America (Forage) Jan 2025

- Cleaned, modeled, and analyzed seven datasets to uncover social media content insights.
- Created a PowerPoint deck and presented findings to stakeholders.
- Strengthened analytical and data storytelling skills.

Overseas Immersion Participant — Middlesex University, Dubai Sept 2025

- Participated in AI and global innovation workshops.
- Collaborated with international peers to gain cross-cultural and technical exposure.

PROJECTS

PlantVision Guardian [GitHub Link](#)

AI-based plant disease detection system using CNNs. Provides real-time disease classification, treatment suggestions, and cloud-based reporting. Integrated camera module with TensorFlow Lite and Firebase backend.

CareerBridge [GitHub Link](#)

Intelligent MERN-stack job portal offering role-based access, ML-driven job recommendations, and live status tracking. Integrated payments and secure authentication.

Elevate-AI [GitHub Link](#)

Agentic AI platform connecting specialized AI agents to assist users in academic and professional guidance using Groq APIs and RAG techniques.

EDUCATION

2023 – 2027	Chitkara University, Punjab Bachelor of Engineering (CSE – Artificial Intelligence)	CGPA: 9.5/10
2021 – 2022	Police DAV Public School, Ambala City (CBSE)	91%
2019 – 2020	St. Paul's High School (ICSE)	94.4%

PUBLICATIONS

Error Analysis of the Solutions of (1+1)-Dimensional & (2+1)-Dimensional Heat-Like Equations Using He’s Polynomial — Published in a Scopus-indexed journal.

AI Technology in Smart Building Automation and Management — Published in ICATES-2024 Conference Proceedings.

SKILLS

Programming	Python, C++, Java, JavaScript, HTML, CSS
Frameworks	Django, Flask, React.js, Next.js, Node.js
AI/ML Tools	TensorFlow, Scikit-Learn, Pandas, NumPy, Power BI
Databases	MySQL, MongoDB, Firebase
Soft Skills	Leadership, Event Management, Communication