

MANKIRAT KAUR

Aspiring AI/ML Researcher | Skilled in Java, Python, C++, Django, and Web Development | CSE-AI Student at Chitkara University

@ mkdhingra05@gmail.com <https://www.linkedin.com/in/mankirat-kaur-a806a22a2/> Ambala

SKILLS

Python	Java	C++
JavaScript	React.js	Next.js
Tailwind CSS	Node.js	
Firebase	Scikit-Learn	
TensorFlow	Flask	
Agentic AI	MongoDB	
MySQL	Django	
Business Analytics	Power BI	
Data Structures & Algorithms		

PROJECTS

Elevate-AI
An agentic AI-powered platform leveraging the Groq API to assist users in career readiness and academic learning through intelligent, specialized agents.

Career Bridge
CareerBridge – A MERN stack-based intelligent job portal featuring smart job matching, role-based access, and real-time tracking, integrated with Stripe for payments and Clerk for secure authentication.

PlantVision Guardian

- AI-based system for real-time plant disease detection with treatment suggestions, personalized dashboards, and NLP-driven report analysis.

SUMMARY

Aspiring AI/ML researcher and CSE-AI student at Chitkara University, skilled in Python, Java, C++, and Django. Experienced in AI/ML technologies Scikit-Learn and NLP with a focus on solving real-world problems through intelligent systems. Proficient in web development (React.js, Next.js), databases (MongoDB, MySQL, Firebase), and cloud platforms like Google Cloud. Passionate about continuous learning and applying data science and AI to create innovative solutions.

EXPERIENCE

Event Coordinator
Evolve AI 03/2024 - Present Chitkara University, Punjab
Organized and executed multiple AI events and workshops, managing logistics, promotions, and participant engagement, while developing leadership and coordination skills.

Data Analyst
Accenture 01/2025 - 01/2025 Remote
Completed a simulation as a Data Analyst, cleaning, modeling, and analyzing datasets to derive actionable insights, and creating presentations to communicate findings, strengthening skills in data storytelling, analytics, and strategic decision-making.

Overseas Immersion Program
Middlesex University Dubai 09/2025 - 09/2025 On-Site
Engaged in a global learning experience, gaining cross-cultural insights, industry exposure, and practical knowledge through workshops, networking, and immersive projects.

EDUCATION

Bachelor of Engineering - BE, CSE - AI
Chitkara University CGPA - 9.5 01/2023 - 12/2027

X (ICSE)
St Paul's High School Percentage - 94.4%

XII (CBSE)
Police DAV Public School, Ambala City Percentage- 91%

KEY ACHIEVEMENTS

Research Paper

- Published a **Scopus-indexed research paper** on *Error Analysis of (1+1) & (2+1)-Dimensional Heat-Like Equations Using He's Polynomial* in the *Institute of Mechanics of Continua and Mathematical Sciences* (May 2024).
- Published research paper on AI Technology in Smart Building Automation and Management in the official proceedings of ICATES-2024.

KEY ACHIEVEMENTS

Hackathon

- **Organized Hack India** a national-level hackathon, managing event planning, logistics, and participant coordination to foster innovation and collaboration.