Mankirat Kaur

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Summary

CSE–AI student at Chitkara University with hands-on experience in Python, Machine Learning, and web technologies. Passionate about cloud security, scalable AI systems, and data analytics.

Education

2023 – 2027	**Chitkara University, Punjab** — B.E. 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%	

Technical Skills

Programming Languages	Python, C++, Java, JavaScript
Frameworks	Django, Flask, React.js, Node.js, Next.js
Machine Learning & Data	TensorFlow, Scikit-Learn, Pandas, NumPy
Cybersecurity & Cloud	Networking Basics, Cloud Concepts (AWS, GCP), API Integrations
Databases	MySQL, MongoDB, Firebase

Projects

PlantVision Guardian   GitHub

AI-based plant disease detection using CNNs and TensorFlow Lite. Provides real-time diagnosis, treatment suggestions, and cloud-based reporting.

CareerBridge   GitHub

MERN-stack intelligent job portal with ML-driven job recommendations, secure authentication, and analytics dashboard.

Elevate-AI   GitHub

Agentic AI platform using Groq API for personalized academic and career assistance with modular multi-agent design.

Experience

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

– Managed large-scale AI events, including HackIndia 2025 and Genesis Gala, with 200+ participants.
– Oversaw event planning, promotion, and cross-functional coordination.

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

– Analyzed datasets to generate insights and actionable recommendations.
– Designed Power BI dashboards to communicate performance metrics visually.

Overseas Immersion — Middlesex University, Dubai   Sept 2025

– Participated in global workshops on AI, Cloud Computing, and Cybersecurity.

Key Achievements

- Organized **HackIndia 2025**, a national-level hackathon promoting cybersecurity and AI innovation.
- Participated in the **Joget Company Hackathon**, designing workflow automation concepts for cloud platforms.
- Published a **Scopus-indexed research paper** titled *"Error Analysis of Heat-Like Equations Using He's Polynomial"*.
- Selected for **Overseas Immersion Program** at Middlesex University, Dubai, for AI innovation and leadership.