

SHIVANSHU GUPTA

MCA Artificial Intelligence Student | Aspiring GPU/CUDA & AI/ML Engineer

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PROFESSIONAL SUMMARY

MCA Artificial Intelligence student at Bennett University and BBA graduate, developing foundations in Python, data structures and algorithms, and AI/ML. Actively pursuing CUDA and GPU architecture as a specialization, with a career focus on NVIDIA GPU computing and AI/ML engineering. Longer-term interests include generative AI and agentic AI systems.

TECHNICAL SKILLS

Programming and CS foundations: Python; data structures and algorithms (DSA).

Tools and data: Git/GitHub; SQL basics.

AI/ML study areas: Machine learning; deep learning; natural language processing (NLP).

Active specialization: CUDA fundamentals; GPU computing; GPU architecture.

Longer-term interests: Generative AI; LLMs; retrieval-augmented generation (RAG); AI agents.

PROJECTS

TradeVelocity

Collaborative project | Python / FastAPI / React

- Local order-matching application with partial fills, amendments, cancellations, execution history and persistent sessions.

Team: Shivanshu Gupta, Aditya Verma, Sourabh Gupta and Harshit Sharma.

InvenTrack

HTML / CSS / JavaScript / Node.js / SQLite

- Inventory management application covering products, stock movements, suppliers, reorder planning and operational activity.

EDUCATION

MCA in Artificial Intelligence

Bennett University | Currently pursuing

Bachelor of Business Administration (BBA)

Completed

CBSE Class 12 | Commerce with Computer Science | 71%

CBSE Class 10 | 74%

ADDITIONAL LEARNING

Cybersecurity learning and certification background, including security fundamentals, networking and risk assessment.