

SHIVANSHU GUPTA

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

CUDA / GPU ARCHITECTURE / AI

Active specialization and learning focus

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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

Foundations: Python; DSA; Git/GitHub; SQL basics.

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

Specialization in progress: CUDA fundamentals; GPU computing and GPU architecture.

EDUCATION

MCA in Artificial Intelligence

Bennett University | Currently pursuing

Bachelor of Business Administration

BBA | Completed

CBSE Class 12 | 71%

Commerce with Computer Science

CBSE Class 10 | 74%

FEATURED PROJECTS

TradeVelocity

Collaborative project | Python / FastAPI / React

- Local stock order-matching application with order depth, amendments, cancellations and persistent sessions.

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

InvenTrack

JavaScript / Node.js / SQLite

- Inventory management application with products, stock movements, suppliers, reorder planning and activity views.

FUTURE AI DIRECTION

Generative AI, large language models (LLMs), retrieval-augmented generation (RAG) and AI agents.

ADDITIONAL BACKGROUND

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