

MANAS GUPTA

Gurugram, Haryana

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Education

B.Tech CSE (Artificial Intelligence & Machine Learning)

71.2%

Noida Institute of Engineering & Technology, Noida

AKTU, 2021-25

All India Senior Secondary Certification (12th)

89.2%

Amity International School, PowerGrid Complex, Gurugram

CBSE, 2020-21

All India Secondary School Examination (10th)

93.0%

Amity International School, PowerGrid Complex, Gurugram

CBSE, 2018-19

Experience

Data Ops Intern

July 2025 – Present

[Vieu Inc.](#)

Remote, India

Implementing strategic data mining to identify high-value connections enabling to build a robust 'warm introduction' pipeline that enhances lead conversion rates. Conducting targeted prospecting to discover ideal customer profiles for clients improving lead quality and conversion by 50%. Further, leveraging advanced Excel to clean, transform and analyze large datasets to deliver actionable insights to cross-functional teams.

Software Engineer Intern

January – June 2025

[Codices Technology](#)

Gurugram, Haryana

Developed and deployed web applications and dynamic websites using WordPress, HTML, CSS and JavaScript. Gained hands-on experience in machine learning by contributing to real-life projects. Assisted in machine learning model development, training and evaluation. Further, gathered experience with Python data libraries and performed basic data cleaning, transformation and analysis. Supported in creation of reports and dashboards using Power BI.

Projects

[Chat Fusion](#) | *RAG, Lang chain, Chroma DB*

July 2025

Implemented AI chatbot based on Retrieval Augmented Generation pipeline using LangChain & OpenAI. Integrated Chroma DB vector database for document retrieval and conversation memory to generate context aware responses. Achieved real-time pdf processing for up-to 1000 tokens.

[Digit Gen](#) | *Generative AI, GAN, PyTorch*

March 2025

Developed a Generative Adversarial Network to generate synthetics handwritten digits trained over 50,000 epochs on MNIST dataset. Implemented machine learning for image generation leveraging PyTorch and NumPy for normalizing 784 dimensions. Achieved optimal model convergence through batch processing, enhancing performance and improving accuracy.

[Campus Connect](#) | *Django, SQLite, HTML, CSS*

January 2025

Developed a comprehensive university ERP management and attendance system for all college stakeholders. Achieved real-time database update allowing up to 50 users to modify details with instant reflection on the site. Ensured seamless user experience with responsive interface and data visualization reports.

Technical Skills

Languages: Python, Java, SQL

Database Systems: MySQL, SQLite

Data Analytics: Pandas, NumPy, Matplotlib, Scikit-Learn, Power BI

Cloud Technologies: AWS

DevOps & Version Control: GitHub

Other Tools & Technologies: Microsoft Suite (Excel, Word, PowerPoint), Notion, Canva

Certifications

1. A-Z Machine Learning with Python – Udemy | [Verify](#)
2. Python for Data Science, AI & Development - IBM | [Verify](#)
3. Introduction to NoSQL- IBM | [Verify](#)