

MANVI GARG

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SUMMARY

Aspiring software engineer with hands-on programming with Python and data structures and also the capability to apply machine learning algorithms like NumPy, Pandas, TensorFlow, and more, and also productive thinking for data visualization and data analysis with problem-solving skills.

EDUCATION

Bachelor of Technology in Computer Science with Specialization in AIML, GLA University 2024
Intermediate, Tiny Tots Inter College, Tundla 2020
High School, Tiny Tots Inter College, Tundla 2018

PROFESSIONAL EXPERIENCE

Trainee, JOB ORIENTED VALUE ADDED COURSE Exploring Data Science June 2022
GLA University, Mathura

- Exploring Data Science through statistics, data visualization, and big data analytics using Python, developing skills to analyze complex datasets for informed decision-making and innovative solutions.

Tata Data Visualisation: Empowering Business with Effective Insights Job Simulation on Forage
Tata Group May 2025

- I completed a simulation for Tata Consultancy Services, creating data visualizations and preparing questions for a meeting with senior leadership to support effective executive decision-making.

PROJECTS

InstaBuild - A Business Website

- A responsive cottage construction website showcased LGSF techniques for steel frame houses, with a dynamic user information capture system that securely stored data, boosting collection efficiency by 40%.
Technologies: HTML5, CSS3, JavaScript.

Predicting Interest Level of Rental Listing - Machine Learning

- Developed a predictive model to estimate house rents using a comprehensive dataset of property attributes (bedrooms, bathrooms, square footage, amenities) and location-specific information.
Technologies: Machine Learning, Data Analysis, Python, Frontend, Flask.

SKILLS

- **Technical Skills:** Machine Learning(Python), Web Development, PyTorch, Hugging Face, LangChain, AI/ML Techniques, AWS, Data Visualization, Version Control (Git), OpenAI API, Prompt Engineering.
- **Tools :** VS Code, GitHub, Excel, Jupyter Notebook.
- **Soft Skills:** Problem-Solving, Communication, Research curiosity, fast prototyping, collaborative.

CERTIFICATIONS

- Participate in IBM National Hackathon CODEWAR23, UPES.
- **Exploring Data Science** - Gold Medalist, GLA University.
- **Web Development** - Johns Hopkins University (Coursera).
- **Introduction to Generative AI** - Google.
- **Prompt Design in Vertex AI** - Google.
- **Programming Essentials in Python** - Cisco Networking Academy.

LANGUAGES

- English - Native Proficiency
- Hindi - Native Proficiency