

MANOKAMNA

New Delhi, Delhi | aroramoney473@gmail.com | 9057279434

<https://github.com/student-manokamna>

EDUCATION

BTech Indira Gandhi Delhi Technical University for Women(IGDTUW) Major in Electronics and Communication Engineering , CGPA: 8.69	Delhi ,India 2023-2027
XII (CBSE) <i>D.A.V. Centenary Public School, Hanumangarh</i> <i>Senior Secondary (CBSE); Percentage: 90</i>	Rajasthan,India 2021-2022

SKILLS SUMMARY

- Programming Languages: Python, C++,TypeScript
- Libraries and frameworks: NumPy, Pandas, Matplotlib, Seaborn, Node.js, React.js
- Databases: MySQL, MongoDB
- Development Tools: VS Code, PyCharm, JupyterNotebook, Git ,Github
- Area of Interest: Artificial Intelligence and Machine Learning

EXPERIENCE

PYTHON & MACHINE LEARNING <i>Centre of Excellence -AI, IGDTUW</i>	June - July 2024
<ul style="list-style-type: none">• Gained hands-on experience with Python programming and Machine Learning concepts.• Developed projects using Python, applying programming skills to solve real-world problems• Explored tools and libraries like NumPy, Pandas, and scikit-learn for data analysis and machine learning tasks.• Familiar with pandas and NumPy for data preprocessing and analysis.	

PROJECT

Python Mini Projects Collection	
<ul style="list-style-type: none">• Built a variety of terminal-based games and logic tools to strengthen core Python concepts, including Caesar Cipher, Hangman, Rock-Paper-Scissors, Blind Auction, and Treasure Island Adventure.• Focused on user interaction, clean code structure, control flow, and basic encryption logic.	
JAYPEA: Personal Virtual Assistant	
Developed a Python-based assistant with features like web search, YouTube playback, NASA news, location services, Wi-Fi speed tests, file management, and interactive games.	
Food Delivery Web App	
<ul style="list-style-type: none">• Built a responsive food delivery platform using React, Redux, and Tailwind CSS, with real-time restaurant and menu data via Swiggy API.• Implemented dynamic browsing, menu viewing, and cart features with clean, reusable components.• Tech Stack: React.js, Redux, Tailwind CSS, Swiggy API, Git, GitHub, VS Code	
Maze Route Finder	
<ul style="list-style-type: none">• Designed a program to find the shortest path through a maze.• Utilized C++ data structures for efficient pathfinding.• Optimized for performance with large and complex mazes.	

LEADERSHIP

- As a core of the robotics society, I played a key role in planning and executing society activities, ensuring smooth coordination
- Focused on skill-building initiatives and long-term growth for the society.
- Collaborated with team members to organize events and mentor students in robotics