UJJWAL GUPTA

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LinkedIn · GitHub · Portfolio: ujjw1l.github.io/PortfolioSite

Education
- Bachelor of Engineering in Computer Science
  Chandigarh University — Graduation: Aug 2028 (Expected) | CGPA: 7.0
- Senior Secondary (XII), Science
  Manisha International School — Percentage: 64.2% | Year: 2024

Technical Skills
- Languages: Python, Java, C++, C, HTML5, CSS
- Frameworks & Tools: NumPy, Pandas, Matplotlib, Jupyter Notebook, Google Colab, VS Code
- Version Control: GitHub
- Soft skills: Communication, Teamwork, Adaptability, Critical Thinking, Leadership, Creativity, Emotional Intelligence

Projects
- OS Market Share Visualization:
  GitHub Repository
  Tech Used: Python, Pandas, Matplotlib, bar_chart_race
  - Visualized the market share trends of operating systems from 2009 to 2025 using animated bar chart races.
  - Highlighted the evolution of Android, iOS, Windows, and others through engaging data visualization.

- English Dictionary App:
  GitHub Repository
  Tech Used: Python, Pandas
  - Developed a command-line dictionary that reads definitions from a CSV file for a provided input and displays it.
  - Offered execution in both '.py' and '. ipynb' formats, enabling use in terminal or Jupyter/Colab.

Patents
- Smart Refrigerator Food Management and Expiry Tracking With Alert System
  Application No.202511063809 A
  Publication Date: 18/07/2025

Certifications
- Programming in Python: A Hands-on Introduction – Codio via Coursera
  View Credential
- Python Basics: Selection and Iteration – Codio via Coursera
  View Credential
- Python Object Basics: Functions, Recursion, and Objects – Codio via Coursera
  View Credential
- Introduction to HTML, CSS, & JavaScript – IBM via Coursera (Credly)
  View Credential

Focus Areas
Artificial Intelligence · Machine Learning · Deep Learning · Data Visualization · NLP (learning) · Git & Version Control