Uditi Joshi

B.Tech Computer Science and Engineering
Computer Science and Engineering
Graphic Era Hill University
Bhimtal, Uttarakhand

+91-9368220154
uditijoshi49@gmail.com
https://github.com/uditijoshi
https://www.linkedin.com/in/uditijoshi/

Education

Graphic Era Hill University, Bhimtal **August 2022-July 2026**
B.Tech in Computer Science and Engineering *CGPA: 8.1/10*

Nirmala Convent Senior Sec School **March 2022**
Intermediate *84%*

Nirmala Convent Senior Sec School **March 2020**
Matriculation *80%*

Experience

Deloitte Virtual Work Simulation – Data Analytics 2025

Completed Deloitte's data analytics virtual work simulation focused on solving business problems through data-driven insights and visualization.

- Collected, cleaned, and analyzed datasets to extract meaningful insights for decision-making.
- Created data visualizations to communicate findings clearly to stakeholders.
- Applied analytical thinking and problem-solving skills to real-world client scenarios.

Projects

Chat Application | *Java Swing, Socket* **September 2023**

- Developed a Java Swing-based chat system with a client–server model using TCP sockets, featuring text input, message display, send/connect buttons. Channels bidirectional messaging using Socket communication and maintaining UI responsiveness through Swing components (JFrame, JTextArea, JTextField, etc.).
- Reliability: 0 crashes across 10+ chat sessions of 10–15 minutes each.
- Latency: Average 80–100 ms per message on localhost (real-time performance observed).
- Scalability: Single client supported per server instance — stable throughout continuous message exchange without freezing.

Air Canvas | *Machine Learning, Python* **February 2024**

- Built an Air Canvas application using computer vision and hand-gesture recognition to enable real-time virtual drawing.
- Achieved 95% gesture detection accuracy, with response latency under 70 ms at 20 FPS.
- Reliability: 0 crashes across 15+ test sessions of continuous drawing (5–10 minutes each).

Technical Skills

Programming Languages: Python, Java, C/C++, HTML, CSS, JavaScript

Development Tools: Visual Studio Code (VS Code), Jupyter Notebook, Cisco Packet Tracer, Git

Technologies and Frameworks: React.js, Express.js, Linux, Ubuntu

Machine Learning: Scikit-learn, TensorFlow

Databases: SQL, SQLite

Position of Responsibility

Member at WeCode *August 2022*
Engaged in coding club activities, mentoring peers, and facilitating events.

Student Volunteer, NSS *October 2022-March 2024*
Coordinated social service initiatives and organized campus events.

Coursework

Joy of Computing using Python Course: IIT Kharagpur, NPTEL
Java Course: Spoken Tutorial Project, IIT Bombay
Building with Artificial Intelligence – Saylor Academy
Academic Coursework: Data Structures, Object-Oriented Programming (OOP), Algorithm Analysis, Artificial Intelligence, OS, Networking