MANVI JAIN

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Education

Dayalbagh Educational Institute | Agra, Uttar Pradesh
Bachelor of Technology-Electrical with Computer Science. | 2023 - 2027
CGPA: 8.29

Dayalbagh Educational Institute | Agra, Uttar Pradesh
Diploma in Engineering-Electronics | 2022 - 2024
CGPA: 8.61

Queen Victoria Girls Inter College | Agra, Uttar Pradesh
PCM Intermediate | 2021 - 2022
Percentage: 71.2%

Queen Victoria Girls Inter College | Agra, Uttar Pradesh
PCM High School | 2019 - 2020
Percentage: 84.5%

Experience

AI & Cloud Intern | *AICTE–Shell India–Edunet Foundation* | July–Aug 2025
Developed an Electric Vehicle (EV) Price Prediction Model using Python, Pandas, Scikit-learn, and Matplotlib, applying data preprocessing, regression modelling, and EDA on cloud-based platforms (Google Colab)

Vocational Trainee | *Indian Railways, Agra* | May–June 2025
Studied transformer operations, substation systems, and power distribution. Gained practical knowledge of motors, DG sets, inverters, and electrical safety systems.

Python Development Internship | *Hankernest Technologies Pvt. Ltd., Agra* | June – July 2024
Performed web scraping and data analysis using Python with Pandas and NumPy for efficient data extraction, processing and project automation

Linux Intern | *Genisup India Pvt. Ltd.* | May–Aug 2024
Worked on *"Fundamentals of Linux Operating System"*, gaining hands-on experience in Linux commands, shell scripting, and system configuration.

Skills

Programming Languages: | C++, Python, C, HTML, CSS, SQL
Libraries/Frameworks: | Pandas, NumPy, Matplotlib, PyTorch
Tools / Platforms: | Git, MATLAB, Linux, Arduino
Database: | SQLite
Soft Skills: | Problem-Solving, Leadership, Teamwork, Adaptability, Communication

Projects / Open-Source

AI-DRIVEN RURAL HEALTHCARE CONNECT PLATFORM – AI-powered telemedicine system for remote consultations and offline EHR access.
• Developed using React Native, FastAPI, FHIR, WebRTC, SQLite, PostgreSQL, Docker, and LLM-based multilingual translation.

AI DESKTOP VOICE ASSISTANT – Real-time voice assistant enabling greetings, weather updates, and website launching.
• Uses Python, Speech Recognition, pyttsx3.

FACE RECOGNITION SYSTEM – Real-time face detection and authentication with database integration.
• Uses Python, OpenCV, Dlib, PyTorch, SQLite.

DUAL AXIS SOLAR TRACKING SYSTEM – Automatic solar panel adjustment for maximum energy efficiency.
• Uses Arduino, LDR sensors, and servo motors.

Certifications

National Semi-Finalist – *Flipkart GRiD 7.0*
Python Course – *GeeksforGeeks*
Python Essentials I and II – *Cisco Networking Academy*.
Bootcamp on Digital Manufacturing – *Dayalbagh Educational Institute*
Earned NCC 'A' & 'B' Certificate – *Ministry of Defence*
C++ Course – *GeeksforGeeks*