

ACADEMIC DETAILS

| Degree    | Specialization                    | Institute      | Year         | CPI/% |
|-----------|-----------------------------------|----------------|--------------|-------|
| B.Tech    | Computer Science                  | GLA University | 2023-Present | 8.58  |
| Class XII | CS, Physics, Chemistry, Maths     | PDDSVMathura   | 2022-2023    | 94    |
| Class X   | Science, Maths, Computer, English | PDDSVMathura   | 2020-2021    | 92.6  |

PROFESSIONAL SKILLS

- **Programming Languages:** Java, Python, C.
- **Web Development:** HTML, CSS, JavaScript, React, SQL.
- **Libraries and Frameworks:** OpenCV, Matplotlib, Seaborn, Pandas.
- **Programming Tools:** Visual Studio Code, Eclipse, Jupyter Lab, IDLE, MySQL Workbench.
- **Soft-Skills:** Problem-Solving, Leadership, Teamwork, Communication, Time-Management, Collaboration.
- **Languages:** English, Hindi

PROGRAMMING ACHIEVEMENTS

- **Codeforces:** 1450+ contest rating | Focus on DP, Greedy – consistent contest performer. [\[CodeForces\]](#)
- **LeetCode:** 420+ problems solved | 1650+ contest rating – strong DSA foundation. [\[LeetCode\]](#)
- **HackerRank:** 5 Star in Python and MySQL – advanced problem-solving skills. [\[HackerRank\]](#)

PROJECTS

- **AI Travel Companion (ML-Powered Assistant for Solo Travelers)** [Jul-2025 - Present]
  - Technologies Used: Python, TensorFlow/Keras, OpenCV, Flask, NLP (Transformer Models), OCR
  - Description: Developed an AI-based assistant to support solo travelers with personalized experiences, safety, and planning.
  - Features: Travel recommendations, chatbot with sentiment analysis, photo tagging, real-time translation, and expense tracking.
- **GestureMouse (Hand Gesture Virtual Mouse)** [Jul-2025]
  - Technologies Used: Python, OpenCV, MediaPipe, PyAutoGUI, pynput
  - Description: Created a virtual mouse controlled by hand gestures using real-time webcam input.
  - Features: Mouse movement, left/right click, double-click, and screenshot gesture detection.
- **Emotion Detector (Real-Time Emotion Detection Web App)** [Jun-2025]
  - Technologies Used: Python, Flask, OpenCV, TensorFlow/Keras, HTML, CSS, JS
  - Description: Detects facial emotions (Happy, Sad, Angry, etc.) via webcam; clean and minimal UI.
  - Model: Mini-XCEPTION trained on the FER-2013 dataset (.hdf5 format).
- **KD Trending Wear (Basic E-commerce Website Clone)**
  - Technologies Used: HTML, CSS, JavaScript
  - Product Catalog: Displayed various trending wear products with detailed descriptions and pricing.

RELEVANT EXPERIENCE

- **Bhartiya Antariksh Hackathon | ISRO-AICTE National Level Challenge** [July 2025 – Present]
  - Submitted a proposal for an AI-based Air Quality Visualizer and Forecast App for rural/small cities.
  - Designed system architecture using ML (LSTM/Random Forest) with satellite and weather data.
  - Awaiting shortlisting for prototype development in Phase-2.
- **Technology Apprenticeship Job Simulation | Accenture and Forage** [\[Link\]](#) [July 2025]
  - Completed a real-world simulation focused on solving client challenges using cloud computing solutions.
  - Analyzed legacy IT issues for a banking client and recommended a cloud migration strategy.
- **Spectra 3.0 Mini Hackathon | GLA University** [Oct 2024]
  - Designed and developed a web page based on a specified problem statement under time constraints.
  - **KDGallery Project:** Created a dynamic and responsive photo gallery website featuring category filters, date sorting, hover effects, and lightbox viewing.

CERTIFICATION

- Certification in "Gen AI for Code Generation for Python" – *Coursera*. [\[Link\]](#)
- Certification in "Learn to Code in Python 3: Programming Beginner to Advanced" – *Udemy*. [\[Link\]](#)
- Certified in Python (Basic), SQL (Intermediate), CSS – *HackerRank*. [\[Link\]](#)
- Certified in Software Engineering – *NPTEL*.

EXTRA-CURRICULAR ACTIVITIES

- Assisted Mr. Mohammed Fahad Sir (India Lead at Microsoft) during a one-day Annual Leadership summit held at GLA University, Mathura. [\[Oct-2024\]](#)
- **Completed Courses:** "ChatGPT for Beginners" and "Cloud Computing Architecture" from Great Learning Academy.
- Attended Guest Lecture on **Data Science: Transferring Insight into Real-World Impact** - *CodeSquadz* [\[Jan-2025\]](#)