RIYA GUPTA

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EDUCATION

Amity University, Noida, Uttar Pradesh   **Sep. 2022–Jun. 2026**
Bachelor of Technology in Computer Science and Engineering   *CGPA: 9.04 (Honored with a 100% merit scholarship)*

Modern School Rishikesh, Uttarakhand   **Apr. 2021–Mar. 2022**
ISC (Class XII)   *Aggregate: 97%*

   Apr. 2019–Mar. 2020
ICSE (Class X)   *Aggregate: 94.6%*

PROJECTS

Online code IDE | *MERN Stack, React, Vite, Tailwind CSS*   **GitHub**
- Built a web-based IDE with syntax highlighting and theme toggle.
- Enabled real-time updates and responsive Ul.
- Focused on performance, scalability, and project organization.

Real-Time Sign Language Recognition | *Python, OpenCV, CNN*   **GitHub**
- Developed a CNN model using TensorFlow and Keras to recognize ASL gestures (A-Z, 0-9).
- Integrated OpenCV for real-time video capture and gesture prediction.
- Extended Kaggle ASL dataset to 36 classes with live text and speech output.

Sentiment Analysis (NTCC Group Project) | *Python, APls*   **GitHub**
- Built ML model to analyze reviews and social media sentiment.
- Integrated real-time API data and visualized insights.
- Used Pandas, Seaborn for data processing and reporting.

EXPERIENCE

Intern - DRDO (SSPL)   **May 2025–Jul 2025**
- Developed a centralized web portal using React, Flask, and MongoDB to digitize institutional workflows at SSPL-DRDO.
- Built role-based dashboards, dynamic forms, advanced search, and reporting features to streamline project management.
- Integrated JWT authentication and responsive Ul with Tailwind CSS for secure and accessible usage.

TECHNICAL SKILLS

Languages: Java, C/C++, python, HTML/CSS, JavaScript, Node.js
Frameworks and Libraries: React, Tailwind CSS, Express.js, Bootstrap
Databases: MongoDB, SQL
Tools, Platforms & Technologies: Git, GitHub, VS code, IntelliJ IDEA, Jupyter Notebook, Figma, Deep Learning

VOLUNTEER AND LEADERSHIP EXPERIENCE

Core Team Member, GDG Creative (Google Developer Groups on Campus)   **Sep. 2024 – Present**
- Led design initiatives, creating engaging visuals for events, promotions, and community outreach.

Intern, Ashraya Foundation   **Jan. 2025–Apr. 2025**
- Contributed to social initiatives, focusing on education and community welfare programs.

CERTIFICATIONS

- Fundamentals of Deep Learning by NVIDIA
- Salesforce Developer with Agentblazer Champion Program
- CSA and CAD Certifications by Service Now

ACHIEVEMENTS

- **Top 500 in Ericsson Edge Academia Program**
  * Completed for a 6-month program in 5G, Al, and Telecommunications.
- **400+ LeetCode Problems Solved**
  * Demonstrated proficiency in problem-solving and algorithms.