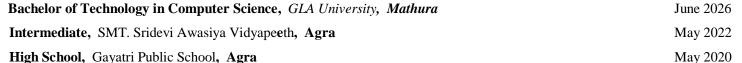# ADITYA GOYAL

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EDUCATION

Bachelor of Technology in Computer Science, *GLA University*, *Mathura*	June 2026
Intermediate, SMT. Sridevi Awasiya Vidyape**e**th, **Agra**	May 2022
High School, Gayatri Public School, **Agra**	May 2020

PROJECTS

Student Management System

- Built a **desktop application** using **C++**, **MySQL**, and **Visual Studio** to manage student records.
- Implemented **CRUD operations** and designed a **user-friendly UI with Windows Forms**.
- Conducted **functional testing** to ensure smooth operation.
- **Optimized SQL query** to improve data retrieval speed by **20%**

Mock Master

- Developed a **mock interview platform** using the **MERN stack** with integrated **Generative AI APIs**.
- Designed features like **personalized portals**, **AI-driven Suggestions,** and a **real-time feedback system**.
- Collaborated in **Agile Scrum meetings** and contributed to **sprint planning and retrospectives.**
- Conducted **API testing** using **Postman** to **validate backend responses** and ensure seamless AI model integration.
- Performed **unit testing** to verify application functionalities and **improved AI response accuracy by 15%**.

Location Tracking Website

- Built a web application using **APIs** to enable real-time location tracking.
- Developed during a **remote internship at Zidio Development**, showcasing API integration and real-time data processing skills.

SKILLS

Technical

- *Programming Languages*: C/C++, Java, Python, JavaScript
- *Web Development:* HTML, React.js, Node.js, Tailwind CSS, Express,js
- *Database Management:* MySQL, MongoDB
- *Tools & Platforms:* Git/Github, JIRA, VS Code, IntelliJ IDEA
- *Testing & QA:* Software Testing Life Cycle (STLC), Software Development Life Cycle (SDLC), Unit Testing

Professional : Problem Solving, Leadership, Effective Communication, Time Management, Analytical Thinking, Interpersonal Skills, Collaborative, Adaptability, Project Management, Debugging & Troubleshooting

CERTIFICATION & COURSES

- **Introduction to Software testing – Simplilearn** (Certificate Code: 7594881)
- **C/C++, DSA, DBMS – KVCH**   (reg. No. : ON24GLA2009)
- **MERN Stack + GenAI – W3elites**
- **Software Engineering - NPTEL**
- **Web Development – Zidio Development** (Certificate no.: zidio/00162)

EXTRA/CO-CURRICULAR ACTIVITIES

- **Head, Technical Team, Literario Club** – Managed/Handle Official Website, Organized & Coordinated Events
- **Volunteer, Bachpan Save the Innocence NGO** - Contributed to community welfare
- **Debate Competition Runner-Up –** Achieved 2nd place in an inter-college competition
- **Conducted peer testing & debugging sessions** – Helped students in coding clubs improve their debugging skills

DECLARATION

I hereby declare that all the above mentioned information is true and correct to the best of my knowledge.