

ARUSHI GUPTA

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Education

KIET Deemed To Be University	2024-Present
Bachelor's of Technology in Computer Science	
St.Thomas School , Khatauli	2023-24
Senior Secondary Education (12th ISC)	
St. Thomas School , Khatauli	2021-22
Secondary Education (10th ICSE), 91%	

Skills

- **Programming & Core Concepts:** Java, Python, C, JavaScript, HTML/CSS, SQL
- **Web & Simulation Development:** Frontend development, JavaScript-based simulations, Grid-based system design
- **Tools & Platforms:** Jupyter Notebook, Visual Studio Code, IntelliJ IDEA
- **Problem Solving:** Solved 80+ problems on LeetCode

Projects

KIET Insight	2024 – 2025
<i>Web Application Data Analytics</i>	
<ul style="list-style-type: none">• Developed a data-driven web application to analyze and visualize institutional data.• Implemented structured data processing for generating meaningful insights.• Collaborated with team members to design and integrate core application modules.	
Multi-Agent Drone Rescue System	2025
<i>Artificial Intelligence Multi-Agent Systems Drone Technology</i>	
<ul style="list-style-type: none">• Designed an AI-powered multi-agent system for disaster response and rescue operations.• Implemented autonomous drone navigation with grid-based path planning using A* algorithm.• Developed human detection and triage classification (H1, H2, H3) using sensor-based data such as temperature, movement, and visible injuries.• Simulated real-time scanning, prioritization, and coordinated rescue operations using JavaScript.	

Leadership Experience

- **Class Representative (CR)** – Coordinated communication between faculty and students.
- **Member, DSDL Club** – Participated in technical workshops and collaborative activities.
- **Member, KTS Club** – Assisted in organizing events and student initiatives.

Certifications

- AWS Cloud Foundations
- Oracle SQL Certification
- Java OOPs Concepts – Infosys
- Pearson MePro Level 7
- SQL for Analyst-GDG
- GitHub Bootcamp