

# ARUSHI GUPTA

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## Education

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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

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- 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

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

## Leadership Experience

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- 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

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