Amit Kumar Singh

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Skills

Languages	Java, C++, Python, C	**Back-End**	Golang, PostgreSQL, Redis
Web Development	HTML5, CSS3, JavaScript	**Soft Skills**	Communication, Leadership, Problem-Solving
Database / Tools	MySQL, Git, GitHub		

Education

GALGOTIAS UNIVERSITY, BTech – CSE   NOIDA / 2023–PRESENT
- Cumulative **GPA:** 9.30 / 10.00

CITY MONTESSORI SCHOOL, ISC – Science / Maths   LUCKNOW / 2023
- **Grade:** 90%

CITY MONTESSORI SCHOOL, ICSE   LUCKNOW / 2021
- **Grade:** 96%

Experience

AI-ML Virtual Internship – AICTE NEAT + Eduskills   Apr 2024 – Jun 2024

- Completed a 10-week intensive internship focused on **Artificial Intelligence & Machine Learning** using tools supported by **Google for Developers**.
- Worked on mini-projects applying ML concepts to real-world problems.

Projects

🔘 Online Voting System

- Built a secure web-based voting platform with multi-factor authentication and role-based access control, reducing manual effort and minimizing vote manipulation risks.
- **Tools Used:** Java (Servlets, JSP, JDBC), HTML, CSS, JavaScript

🔘 DextroToolX – Quick Key Launcher

- Developed a Python-based hotkey launcher that activates various cheat codes for in-game effects using shift key combinations.
- **Tools Used:** Python, pynput, pyinstaller, Windows API

Certifications

Data Structures and Algorithms Specialization — *Infosys Springboard*   Issued: June 2025

- A comprehensive course covering arrays, linked lists, trees, recursion, greedy algorithms, and dynamic programming.

Graphs Camp Participation Certificate — *AlgoUniversity*   Issued: June 2025

- Selected among 4,000 shortlisted students (from 40,000 applicants) to attend a 3-day advanced Graphs DSA Camp under the guidance of Codeforces Master *Manas Kumar Verma*..

Getting Started with Cisco Packet Tracer — *Cisco*   Issued: May 2025

- Learned the basics of network simulation and routing using Cisco Packet Tracer.