

# Nishant Chahar

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## EDUCATION

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Bachelor of Technology in Computer Science, <i>GLA University, Mathura</i> , 8.52 CGPA	Jan 2025
Intermediate, Sony Academy Bharatpur , Rajasthan, 92.2%	May 2022
High School, Sony Academy Bharatpur , Rajasthan, 90.33%	May 2020

## SKILLS

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### Technical

- **Programming Languages:** Java, C, Python, JavaScript
- **Web Technologies:** HTML, CSS, React, Node.js, Express.js
- **Databases:** SQL, MongoDB
- **MediaServer :** Cloudinary
- **UI Frameworks & Libraries:** Tailwind CSS, Bootstrap

### Professional Skills:

- **Strong communication and interpersonal skills**
- **Problem-solving and analytical thinking**
- **Effective time management and teamwork**

## PROJECTS

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### ⌘ Water Level Sensor and Management System

Developed a real-time water monitoring and management system as part of a 5-member team for a field project.

- ❖ Utilized **Arduino Nano** and **temperature sensors** to monitor water level and temperature in real time.
- ❖ Designed and implemented a sensor-based system to automate water management in tanks or reservoirs.
- ❖ Focused on **efficiency and low-cost hardware** for practical, real-world deployment in agricultural or domestic use

### ⌘ To-Do List – MERN Stack

Designed and implemented a full-stack **task management application** using **MongoDB, Express.js, React.js, and Node.js**.

- ❖ Enabled users to **add, update, delete, and mark tasks as complete** in a dynamic and responsive UI.
- ❖ Built RESTful APIs for seamless frontend-backend communication.
- ❖ Implemented persistent storage with **MongoDB**, and managed application state effectively using React hooks.
- ❖ Applied basic authentication and ensured clean, user-friendly experience.

### ⌘ Weather App

Developed a responsive weather application using **React.js**, which fetches and displays real-time weather updates by integrating with an external Weather API.

- ❖ Implemented API integration to fetch live temperature, humidity, weather conditions, and location-based data.
- ❖ Designed clean and responsive UI using Tailwind CSS, ensuring smooth user experience across devices.
- ❖ Handled asynchronous API requests using **Axios** and managed state effectively with React hooks.

### ⌘ CodeShala – MERN Stack Course Selling Website (*Ongoing Project*)

**Developed and maintained a full-stack, dynamic platform for selling programming courses using the MERN Stack (MongoDB, Express.js, React.js, Node.js).**

- ❖ Integrated JWT-based authentication and authorization for secure user access and role management (students/admins).
- ❖ Implemented Razorpay payment gateway for secure and smooth online transactions.
- ❖ Utilized Cloudinary for efficient storage and delivery of course-related media including images and videos (logos, thumbnails, previews).
- ❖ Designed a responsive and modern UI using Tailwind CSS, ensuring a seamless user experience across devices.
- ❖ Built features like course listing, enrollment, user dashboards, course previews, and dynamic admin controls.
- ❖ Used React Router for navigation and developed modular, reusable React components for scalability.
- ❖ Created secure RESTful APIs on the backend with Express.js and Node.js, with MongoDB as the database.

## **CONTRIBUTION**

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- Solved **80+ problems** on [LeetCode](#)
- Solved 40+ problems on GeeksForGeeks
- Active contributor on [GitHub](#)
- Engaged in professional networking on [LinkedIn](#)

## **ACHIEVEMENT**

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- **Bronze Medalist** at *UP Genius Competition*, recognized for outstanding performance.
- Scored **100/100 in Mathematics** in Class 12th – Top Scorer in the batch.
- **Elite Certified** in *Software Engineering* by **NPTEL**, issued by IITs under the Ministry of Education, Govt. of India.