

# SAJAL JHA

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## SUMMARY

Dynamic Computer Science student with strong full-stack skills and a passion for real-world problem-solving. Proficient in C/C++, **Python**, **React.js**, **Next.js**, and **SQL**. Experienced in using **AI tools** to boost **productivity** and **accelerate** development. Actively engaged in **freelancing** projects. Proven leadership as **Student Convenor Innovation Cell** and leading my team to be **winner** and finalist in multiple **national-level** hackathons.

## EDUCATION

**Dr. A. P. J. Abdul Kalam Technical University**

**2022-2026**

Bachelor Of Technology (Computer Science & Engineering) - LIET

CGPA : 7.21

**Sarvodaya Bal Vidyalaya - Delhi**

**2022**

Senior Secondary (PCM) - Central Board of Secondary Education (CBSE)

Percentage : 70%

## TECHNICAL SKILLS

**Languages:** C/C++, JavaScript , Python, SQL.

**Tools:** Git, Unix/Linux, Supabase.

**Development & Framework:** HTML, CSS, JS, REST Api, ReactJs, NextJs.

**Expertise:** Data Structures Algorithms, Database Management Systems.

## PROFESSIONAL EXPERIENCE

**FREELANCE WEB DEVELOPER**

**Remote | Dec 2024- Present**

**Association Website | [Link](#)**

- Developed a complete website for an association to **manage member visibility**, **handle user queries**, and **streamline communication**. Implemented a **secure admin dashboard** to **post news, events, and announcements**. Focused on **clean UI/UX** and **responsiveness across devices**.

**School Website | [Link](#)**

- Built a modern and **clean UI** for a school website, highlighting key information and improving user engagement.

## PROJECTS

**Public Space Intelligence | MediaPipe, Python & Next.js | [Demo](#) | [Repo](#)**

**2024-2025**

- Developed a real-time facial analysis system using **Python**, **MediaPipe**, and **TensorFlow** to track gaze, iris movement, and emotions.
- Used **Supabase** for storage, and **visualized big data** insights with **Recharts** in a **React dashboard**, enabling monthly emotion and attention **analytics** for institutions.

**MediGuard – Medicine Scanner Web App**

**2025**

- Built a **Web app** to **scan** medicines and check salt composition, substitutes, and interactions.
- Used **OCR** and **medical APIs** to improve safety and reduce duplicate prescriptions.

## RESPONSIBILITY & ACHIEVEMENTS

- Student Convenor, Ambassador Training Innovation Cell and Sports Secretary
- Smart India Hackathon - SIH Finalist 2023
- Prize Winner in 5+ hackathons and finalist in 10+ hackathons. Including MLH, GFG etc.
- Solved +500 Problems in LeetCode, CodeForces (+1500 Rating) , CodeChef.

## CERTIFICATIONS

- [MongoDB Basics](#) - ICT Academy Learnathon
- [Cyber Security Introduction](#) and [Cyber Security Essentials](#) - Cisco Networking