

Sarthak Jain

sarthak.jain7213@gmail.com ❖ (+91) 8588900880 ❖ Flat 14, Lane 4, Plot 6, Anupam Enclave-II, New Delhi, India

leetcode.com/Sarthak-dev/ ❖ github.com/dev-sarthak-jain ❖ linkedin.com/in/sarthak-dev/

EDUCATION

University School of Automation and Robotics

B.Tech, Internet of Things - **Current CGPA 8.97**

Delhi Public School R.K Puram

CBSE class 12 - 92.9%

Delhi Public School R.K Puram

CBSE class 10 - 94.5%

July 2021 - July 2025

New Delhi, India

March 2021

New Delhi, India

March 2019

New Delhi, India

PROJECTS

A-eye - <https://github.com/dev-sarthak-jain/A-EYE>

- Co-authored A-eye- a smart hardware and software solutions for the visually impaired and deaf
- It uses IoT protocols, microcontrollers and camera to capture and transmit live video feed from a camera
- It analyzes the video feed using AI and ML to implement features such as object implementation and tracking. Next phase to include additional features such as hand sign tracking are now under development

Smart Cart - https://github.com/dev-sarthak-jain/Smart_Cart

- Co-authored the project aimed at developing a smart autonomous shopping cart which can register items added to a basket using cameras and can also detect objects leaving it
- Backend is built using Django, front end is built using Kotlin

CERTIFICATIONS, SKILLS & INTERESTS

▪ Certifications:

- **Coding Ninjas - Data Structures in c++**
certificate of excellence - certificate.codingninjas.com/verify/3f5a3aca616a86dc
- **Coding Ninjas - Operating Systems**
certificate of excellence - certificate.codingninjas.com/verify/3f5a3aca616a86dc
- **Coding Ninjas - Database Management System**
certificate of excellence - certificate.codingninjas.com/verify/1f8e326350e56116
- **Coding Ninjas - System Design**
certificate of excellence - certificate.codingninjas.com/verify/8b60088e1ad5f90e
- **Mathworks Certification** - Matlab Onramp, Simulink Onramp, Control Design Onramp

▪ Skills : C++, Python, Django, Matlab

- Data Structures and algorithms, Competitive Coding.
- Matlab and simulink development
- Basic backend development using django

Work Experience

▪ Secretary, intel oneAPI USAR student community

May 2023 - Ongoing

- Organized an event for the introduction of oneAPI which had a footfall of 150 students
- Up took the responsibility of mentoring ~5 students in the field of C++ and DSA