AJEET KUMAR

+917255951020 ajeetkumarkb02@gmail.com linkedin.com/in/ajeet-kumar13 github.com/ajeet3105

EDUCATION

Sagar Institute of Research & Technology-Excellence **Sep 2022 - Expected Jun 2026**
B.Tech - Computer Science Engineering Current CGPA - 7.28/10 (6 semesters)
Model School Dalmiyanagar **Sep 2020 - Jun 2022**
Senior Secondary - Class 12th Percentage: 74.8 / 100

RELEVANT COURSES

- DataStructures
- Object-Oriented Programming

PROJECTS

EDUPAST Github | HTML, CSS, JS, Node.js, MongoDB, JWT, Multer, Cloudinary

- Developed a web-based platform for uploading and accessing academic papers to help B.Tech students prepare for mid-semester exams, featuring organized navigation by branch and semester.
- Implemented secure file upload functionality with admin-only access, ensuring efficient document management and improved accessibility for students.

BOOKMANDIR Github | HTML, Tailwindcss, React.js, Node.js, Socket.io, MongoDB, JWT

- Engineered a web platform enabling students to buy, sell, and donate second-hand books with categorized browsing, direct user interaction, and real-time chat powered by Socket.IO for instant communication.
- Enhanced user experience with intuitive navigation, secure authentication, and seamless book exchange, promoting affordability, sustainability, and accessibility in education.

OBSTABOT Github | Arduino UNO, ESP8266, HC-SR04, Blynk App, L298N, LEDs, Buzzer.

- Designed and prototyped a smart Arduino-based robotic car with automatic obstacle detection and avoidance using ultrasonic sensors.
- Integrated IoT functionality using ESP8266 and the Blynk platform for remote control and real-time monitoring via mobile.

TECHNICAL SKILLS

Programming: Languages: C/C++, JavaScript.
Databases: MySQL, MongoDB.
Frameworks & Tools: React.js, Node.js, TailwindCSS, Socket.IO, REST API, JWT.

CERTIFICATIONS

Data Structures and Algorithms using C++ | Certificate
Participation certificate | Certificate
National Student Conference - 2025

ADDITIONAL INFORMATION

Languages: English, Hindi.
Extracurricular Activities: Created a system to collect weekly patient health data (e.g., BP, glucose, pulse) and visualise trends using interactive graphs. Designed to support doctors in monitoring chronic conditions over time through clear, data-driven insights.