Kaushal Dahal

Kolkata, West Bengal

+91 7652097889 — kaushaldahal1122@gmail.com

linkedin.com/in/kaushal-dahal — github.com/AnonymousUser7-netizen

Profile

3rd-year B.Tech Computer Science Engineering student with hands-on experience building responsive web applications and Java-based systems. Strong foundation in Data Structures, Object-Oriented Programming, and frontend development. Actively seeking Software Engineering / Frontend Internship roles.

Education

GITAM University   2023 – 2027
B.Tech in Computer Science Engineering
CGPA: 8.22 (current)

Sunbeam School, Varanasi   2020 – 2022
MPC Stream

Projects

Frontend Interview Helper   Jul 2025
HTML, CSS, JavaScript
- Built a responsive interview-preparation web application enabling users to practice frontend interview questions.
- Implemented localStorage-based data persistence for bookmarking questions and saving user preferences.
- Designed a clean and intuitive UI to simulate real interview preparation experience.

QuickNote – Notes Application   Jul 2025
HTML, CSS, JavaScript
- Developed a lightweight notes application supporting add, delete, and dark mode features.
- Implemented persistent storage using localStorage to retain user data across sessions.
- Optimized layout for responsive behavior across desktop and mobile devices.

Gesture Volume Controller   Jan – Feb 2025
Python, OpenCV, MediaPipe, pycaw
- Developed a real-time hand gesture-based system to control system volume without physical interaction.
- Used OpenCV and MediaPipe for accurate hand landmark detection and gesture recognition.
- Integrated pycaw to interact with Windows audio controls, improving accessibility and hygiene.

Smart Parking System (CLI-Based)   Jul – Aug 2024
Java, OOP
- Designed a command-line parking management system to track vehicle entries and slot availability.
- Applied Object-Oriented Programming principles to model vehicles, slots, and transactions.
- Implemented vehicle logs and booking management with scope for future GUI or database integration.

YouTube Homepage Clone   Mar 2024

HTML, CSS

- Created a responsive front-end replica of the YouTube homepage using semantic HTML and CSS.
- Implemented grid layouts and adaptive design for desktop and mobile screens.

Technical Skills

Programming Languages: Java, Python, C
Web Technologies: HTML5, CSS3, JavaScript, Responsive Design
Core Concepts: Data Structures & Algorithms, OOP, Debugging
Tools & Libraries: Git, OpenCV, MediaPipe, AutoCAD, Packet Tracer

Problem Solving

- Actively practicing Data Structures and Algorithms using Java.
- Strong focus on arrays, strings, recursion, sorting, and searching techniques.
- Emphasis on improving time and space complexity.

Certifications

Machine Learning — Google (2024)
Responsive Web Design — freeCodeCamp (2024)

Languages

English, Hindi, Nepali