

RAUMAY AGGARWAL

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EDUCATION

Graphic Era University, Dehradun, India

B.Tech. CSE (Hons.) with specialization in AI & DS

2023 - Present

First Year: 8.54

DAV International School, Navi Mumbai, India

Intermediate: 77.4%

2023

Matriculation: 93.17%

2021

EXPERIENCE

Excelerate

March 2025

Data Analyst Associate Intern

- Analyzed customer behavior for **actionable insights**, improving campaign targeting.
- Automated reports using **Python** and **Pandas**.
- Led and contributed** to cross-functional discussions for data-driven marketing strategies.

Careers360

June 2024

Marketing Intern

- Identified user engagement trends, increasing retention by **10%**.
- Analyzed customer data with **MySQL** and **MongoDB**, boosting campaign efficiency by **15%**.
- Provided insights to enhance **digital marketing campaigns**.

PROJECTS

SIGNSPEAK : Real-Time Sign Language Translator (Ongoing)

- Developed **real-time sign language to speech system** for continuous gesture-based communication.
- Achieved **smooth, continuous predictions (latency ;100ms)** for one-hand signs; planning two-hand gestures.
- Attained **98.8% validation accuracy** on **custom dataset** (10 signs, 40 frames each).

SIMPL3FY : Budget Management Web App

- Created **real-time expense tracking/forecasting platform** for personal finance.
- Integrated **interactive visualizations** and **automated PDF reports** for seamless analysis.
- Built with **React, Node.js, MongoDB, Chart.js**.

FEAD : Food Expiry & Donation Tracker

- Developed system to predict food expiry dates and manage donations, reducing wastage.
- Designed **live dashboards** for expiry/donation tracking, enhancing community impact.
- Ensured **reliable predictions** and **real-time updates** using **Node.js, MongoDB, JavaScript**.

SKILLS

Programming: Python, JavaScript, C++, C

Web Development: HTML5, CSS3, Node.js, Express.js, REST APIs, Authentication (JWT)

Database: MySQL, SQL, MongoDB

AI/ML: TensorFlow, MediaPipe, basic Deep Learning

Tools: Postman, GitHub, Visual Studio Code (VSC)

ACHIEVEMENTS & CERTIFICATIONS

- Recognized at **Code for Bharat** & awarded for **Most Unique Idea** at Qasar 3.0 Hackathons.
- Completed **Marketing Internship** at Careers360 (**INR 15K** stipend).
- Certified: **IBM Data Science Professional** (Coursera), **Microsoft Azure DP-900** (In Progress).
- Certified: **IIT Roorkee AI & ML Workshop**, **Udemy Web Dev Bootcamp**, **IIT Delhi BECon'25**.