

SOMESH SINGH

+917500381587 ✉ somesh572000@gmail.com 📄 someshchinkusingh 🌐 someshsingh-7251

EDUCATION

COER UNiversity , Roorkee, Uttrakhand Pursuing B.Tech in Computer Science and Engineering	2023-2026
B.S.M College of Engineering and Polytechnic , Roorkee, Uttrakhand Polytechnic in Computer Science and Engineering	2019-2022
D.A.V. Centenary Public School , Haridwar, Uttrakhand Matriculation(CBSE)	2017

INTERNSHIP

Machine Learning Intern | Online - CodeAlpha 01 July - 31 July 2025

- Worked on real-world machine learning and deep learning projects.
- Focused on practical problem solving, feature engineering, and model evaluation.

DSA, SQL, C++, Java and Quantitative Aptitude | Offline - COER University 24 May - 05 July 2025

- Studied basics of Data Structures and Algorithms using C++.
- Covered web development, aptitude, and soft skills training.

SAP Trainee | Offline - JK Tyres and Industries ltd. 5 September – 5 October 2024

- Gained hands-on experience with SAP software and ERP workflows.
- Supported data entry, process understanding, and operational coordination.
- Collaborated with cross-functional teams on process and workflow improvements.

Web Development and Designing Trainee | Online - Oasis Infobyte August 1 - September 5, 2024

- Used HTML, CSS, and JavaScript to create interactive front-end experiences.
- Improved understanding of UI design, usability, and business-focused web design.

PROJECTS

Portfolio | *Independent Venture*

- Highlighting projects, skills, about, and contact in a single-page layout.
- Fully responsive design for desktop, tablet, and mobile devices.
- Easy to customize and extend for future additions.

Weather Website | *Independent Venture*

- Real-time weather updates for any city or location.
- Displays temperature, humidity, wind speed, and weather conditions.
- Beautiful and responsive user interface.
- Integration with a weather API for accurate data.

Emotion Recognition from Speech | *Independent Venture*

- Objective to detect human emotions like happy, sad, and angry from audio speech.
- Approach is to utilize MFCC feature extraction and deep learning models like CNN/RNN.
- Preprocessing audio files and extracting MFCC features.
- Emotion classification using labeled audio data.
- Datasets like RAVDESS, TESS used.

ACADEMIC SERVICE

- Peer Reviewer – RESEM 2026 International Conference (Microsoft CMT Platform)
- Reviewed 4 research paper submissions in AI/ML, Computer Vision, Remote Sensing, and Educational Technology.
 1. Deep Learning Based Leaf Disease Detection and Classification Using YOLO
 2. Improved Accuracy in Sugar Content Estimation in Grapes using Random Forest Algorithm in comparison with Support Vector Machine
 3. Intelligent Satellite Imagery Analysis Platform: Classification of Land Cover Using Deep Learning and AI-Powered Urban Planning Suggestions in a Multi-Modal Framework
 4. Retrieval Augmented Generation System for Educational Textbook Query Assistance
- Evaluated novelty, methodology, experimental results, and technical quality.
- Provided structured peer-review feedback for publication decisions.

SKILLS

Computer Languages	C, C++, HTML, JavaScript, Python
Tools	Microsoft Excel, PowerPoint
Other Skills	Strategic Planning, Creative Thinking, Communication, Leadership

CERTIFICATES AND ACHIEVEMENTS

- Online Technical Training Program on **Artificial Intelligence** during Polytechnic (*23 November - 28 November 2020*)
- Organised a **Fresher's Party** during Polytechnic (*15 February 2021*)
- C Language form **Cetpa Infotech Pvt. Ltd., Roorkee** (*24 July - 20 August 2021*)
- C++ Language form **Cad Planet , Roorkee** (*09 December 2021 - 25 February 2022*)
- Microsoft Excel **Cad Planet , Roorkee** (*10 September - 25 October 2022*)
- Hosted and organised **Internal Hackthon SIH 2024 12+ hours** (*27 September 2024*)
- Hosted and organised **Internal Hackthon** and Technical Seminars **12+ hours** on stage! (*2022 - 2025*)