

# SUMEET KUMAR MONTI

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## SUMMARY

Computer Science Engineering student with strong foundations in **Data Structures & Algorithms (250+ LeetCode problems solved)** and hands-on experience in **MERN stack development**. Skilled in building **scalable full-stack applications**, integrating **AI-driven automation**, and implementing real-time speech processing systems. Strong at debugging, optimization, and writing clean, maintainable code. Seeking a Software Engineering role to apply DSA knowledge and contribute to high-performance application development.

## EXPERIENCE

### AI & Python Trainee – Summer Training Program

May 2024–July 2024

- Learned Python, AI fundamentals, data preprocessing, and ML model implementation.
- Built small AI/automation projects and improved understanding of data pipelines.

### Blockchain Developer Trainee (Ethereum)

June 2023 – July 2023

- Trained in Ethereum basics, Solidity, smart contract development, and dApp deployment.

## PROJECT

### AI Based Speech Impairment Therapy: Python, Pandas, Gradio

- Developed an AI-based speech therapy application using Python and Gradio, featuring real-time speech-to-text transcription, pronunciation analysis, adaptive feedback, and a built-in medical symptom checker.

### Weather Website: HTML, CSS, JavaScript

- Developed a weather application that retrieves real-time meteorological data using the OpenWeather API, displaying temperature, humidity, wind speed, and overall conditions with high accuracy.

## EDUCATION

### B.E. – Computer Science and Engineering

Chandigarh University • Mohali, Punjab • Aug 2022 – Present • CGPA : 7+

### Intermediate (CBSE)

New Horizon School • Bhagalpur, Bihar • Apr 2020 – Mar 2021 • 84.4

### 10th (CBSE)

GRSS VIDYA MANDIR • Bhagalpur, Bihar • Apr 2018 – Mar 2019 • 76.17

## CERTIFICATIONS

IOT:Design Concepts & Use Cases (NPTEL-Elite) – NITTTR Chandigarh,2025

Foundation of Cloud Edge ML (NPTEL Elite) – IIT Kanpur,2025

## RESEARCH PAPER (PUBLISHED)

BLOCKCHAIN FOR SECURED TRANSACTION – IJSREM(2025)

AI BASED SPEECH IMPAIRMENT THERAPY – IGCAI(2025)

## SKILLS

Programming Languages : C, C++, Python, SQL

Web Development : HTML, JavaScript, CSS, React JS

Tools & Technologies : Visual Studio Code, IntelliJ, Python Idle, Google Collab, Git, GitHub, MS Word, MS Excel, MS Power Point

Databases : MySQL, Oracle, MongoDB

Core CS Subjects : Data Structures, Operating Systems, Computer Networks, DBMS, Computer Architecture

Soft Skills : Team Leadership, Comfortable in Hindi/English, Adaptive in nature , Project Management, Decision Making, Active Listening, Conflict Resolution