

ANSH KULSHRESHTHA

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EDUCATION

Kendriya Vidyalaya IFFCO, Intermediate

July 2022

- Percentage: 85%

- **Coursework:** Computer Applications

Sir M. Visvesvaraya Institute of Technological, BE in Information Science

Dec 2022 - 2026

- GPA: 9.2

- **Coursework:** Data Structures, Algorithms, Database Management, Object Oriented Programming, Operating Systems

PERSONAL SUMMARY

Final-Year Information Science student with a strong foundation in full stack development, Machine learning and cloud technologies. Experienced in building real-time applications using Python, React, and MongoDB with hands-on deployment and DevOps practices. Passionate about solving real-world problems through scalable, efficient and user-focused solutions

SKILLS

Programming Languages: Java, C, C++, Python, JavaScript/HTML/CSS, SQL

Web Development: React, Node.js, Express.js, REST APIs

Databases: MongoDB, MySQL

Networking Concepts: TCP/IP, DNS, HTTP

Software Development Lifecycle: Familiar with Agile & DevOps concepts

Tools and Platforms: Git, GitHub, Unix

PROJECTS

Real-Time Speech Emotion Translation System - Python, ML

Developed a real-time web application that converts speech to text, detects emotions using wav2vec2, translates it, and generates speech output.

Integrated speech_recognition, deep_translator, and gTTS for end-to-end functionality

Pizza Order - A React-Based Food App

Developed "Pizza Order", a React-based food ordering web app featuring dynamic menu selection, checkout flow, and order confirmation. Implemented responsive UI and interactive components using ReactJS and CSS

Disease Prediction System — Python, ML, Web Deployment

Built a web-based application that predicts diseases based on user-input symptoms

Technologies used: Python, scikit-learn, Pandas, and Flask.

Deployed live at: <https://disease-prediction-smvit.vercel.app/>

Java Chatbox - GUI-based Client-Server Chat Application

Developed a real-time chat application using Java, Swing GUI, Socket Programming, and Multithreading.

Implemented bi-directional client-server communication with event-driven message handling in a single-package architecture.

CERTIFICATES

- Certified by Apna College website in Full Java course which includes Data Structure and Algorithms (DSA)
- Completed "The Web Developer Bootcamp" by Udemy
- Certified by SCALER website in DBMS and RDBMS

LANGUAGES

HINDI, ENGLISH

