VAIBHAV KUMAR

[E-mail](#) | [GitHub](#) | [LinkedIn](#) | [Portfolio](#)

Education

Sri Dev Suman University, Tehri, India	**2022-2025**
Bachelor of Science in Computer Science	Percentage - **70%**	
ITC Learning Group, Roorkee, India	**2021-2022**
Diploma	Duration - **15 Months**	Grade - **A+**	
Saraswati Vidhya Mandir, Brahmpur, Roorkee, India	**2021-2022**
XII	PCM	UBSE	**75.3%**	
Saraswati Vidhya Mandir, Brahmpur, Roorkee, India	**2019-2020**
X	UBSE	**76.5%**	

Skills

Programming Languages: C++, Python, JavaScript

Web Technologies: HTML, CSS, Bootstrap

Databases: MySQL, MongoDB

Core Subjects: Data Structures and Algorithms, Operating Systems, Computer Networks, Object-Oriented Programming (OOP), Database Management Systems (DBMS)

Developer Tools: Visual Studio Code, Git, GitHub

Other: Teamwork, Problem Solving, Time management

Internships

Elevate Labs | Python Programming Internship   *(Aug'25 - Sep'25)*

- A beginner-friendly **Command Line To-Do App** written in **Python.**
- **Built** a **personal Portfolio website**, showcasing technical projects and skills using **HTML, CSS &** JavaScript for **frontend** and **Flask, MySql** for **Backend.**
- Engineered a beginner-friendly **REST API** built using **Python and Flask**. It allows you to **Create, Read, Update, and Delete** (CRUD) user data.

Projects

Air Quality Index (AQI) Data Analysis

   Technologies Used: Python, Matplotlib, Pandas

- Performs a **detailed analysis** of Air Quality Index (**AQI) data** for Delhi year 2021.
- The analysis includes visualizing **monthly and seasonal AQI trends, pollutant contributions, and identifying the best and worst air quality days.**

Weather App

   Technologies Used: JavaScript, HTML, CSS, RapidAPI

- Built a weather dashboard that shows current weather data using a live API
- Implemented dynamic DOM updates and basic error handling in JavaScript.