


# Vishal Sinha

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 Portfolio: <https://vishalsinha.netlify.app>

 GitHub: <https://github.com/vishalsinha2004>

## PROFILE

Ambitious and analytically driven BCA student with strong technical skills in frontend and backend development, data science, and AI integration. Proficient in Python, JavaScript, Java, and experienced with tools like React, Node.js, and Firebase. Well-versed in the data science ecosystem including NumPy, Pandas, Matplotlib, and Scikit-learn. Developed real-world projects such as interactive web platforms, combining full-stack capabilities with modern AI solutions.

## EDUCATION

**Shreyarth University — Ahmedabad, India**

**Bachelor of Computer Application (B.C.A)**

*Expected Graduation: June 2026*

Relevant Courses: Machine Learning, Data Structures, Deep Learning, Linear Algebra

GPA: Currently Pursuing

**Higher Secondary (Class 12) – Commerce**

**B.K National Public School — Ahmedabad, India**

*Passed: 2023*

Percentage: 46%

**Secondary (Class 10)**

**Gracious High School — Ahmedabad, India**

*Passed: 2021*

Percentage: 64%

## SKILLS

- Programming Languages: Python, Java, C++, JavaScript
- Machine Learning & AI: OpenCV,
- Data Science Tools: Pandas, NumPy, Matplotlib, Seaborn, Jupyter Notebook
- Web Development: HTML, CSS, JavaScript, React.js, Node.js, Express.js, Tailwind CSS, Flask
- API Integration: Gemini API
- Databases: MySQL, Firebase
- Tools & Platforms: Git, GitHub, VS Code, Google Colab, Anaconda, Postman
- Cloud & Deployment: Render, Netlify, Vercel
- Soft Skills: Resume Analytical Problem Solving, Strategic Thinking, Collaborative Teamwork

## CERTIFICATIONS

- Python (Basic) Certificate – **HackerRank**

Issued:23 Mar 2025

Certificate-id:A20CBE451973([link](#))

- Python (Basic) Certificate – **Simplilearn**

Issued:13 April 2025

Certificate-id:8182493([link](#))

## EXPERIENCE

### TECHMICRE, Ahmedabad – Data Science

June 2025 - July 2025

- Worked on Python programming including data handling and automation.
- Performed data cleaning and analysis using Pandas and NumPy
- Implemented machine learning algorithms such as Linear Regression, Classification, and Clustering.
- Explored AI and Deep Learning concepts using Keras, CNNs, and NLP.
- Learned basic model deployment and performance evaluation techniques.

## PROJECTS

### 1. Personal Portfolio Website

**Technologies:** HTML, CSS, JavaScript

- Designed and developed a responsive portfolio website to showcase projects, skills, certifications, and contact information.
- Implemented a seamless light/dark mode toggle using JavaScript to enhance user accessibility.
- Utilized CSS animations and transitions to improve visual appeal and user experience.
- Created a fully responsive layout optimized for desktops, tablets, and mobile devices.

GitHub: [github.com/vishalsinha2004/Portfolio](https://github.com/vishalsinha2004/Portfolio)

Live Website: <https://vishalsinha.netlify.app/>

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### 2. Finder.– Notes sharing Website

**Technologies:** React.js, Node.js, Express.js, Tailwind CSS, Gemini API, and other supporting libraries.

**Deployment:** Render (Backend), Netlify (Frontend)

- Developed **Finder**, a modern full-stack note-sharing platform enabling users to upload, browse, and download academic resources effortlessly.
- Integrated **FinderAI**, an intelligent assistant powered by **Google Gemini API**, to provide real-time answers to academic questions across various subjects.
- Implemented smart search functionality for quick note discovery based on keywords, tags, and subject categories.
- Designed with a responsive and elegant UI using **Tailwind CSS**, and a modular backend built on **Express.js** for scalability and performance.

- Structured for subject-wise organization and easy categorization of notes for streamlined user experience.
- Deployed on **Render** and **Netlify** for seamless frontend-backend performance and continuous delivery

GitHub: **Finder**: <https://github.com/vishalsinha2004/Finder> & **FinderAI**: <https://github.com/vishalsinha2004/FinderAI>

Live Website: **Finder**: <https://finder-stlh.onrender.com/> & **FinderAI**: <https://finderai.netlify.app/>

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### 3. MarkAL – AI-Powered Desktop Voice Assistant

**Technologies:** Python, pyttsx3, SpeechRecognition, datetime, webbrowser, requests, Google Generative AI

- Engineered *MarkAL*, a speech-enabled intelligent assistant that autonomously performs real-time operations via natural language processing.
- Integrated speech recognition and text-to-speech functionality for hands-free interaction.
- Supported tasks such as launching applications, answering questions, fetching weather/time info, playing music, and sending WhatsApp messages.
- Engineered with modular, scalable architecture to allow future enhancements and integrations

GitHub: [github.com/vishalsinha-ai/MarkAL](https://github.com/vishalsinha-ai/MarkAL)