

# RISHABH SINGH

Badarpur, New Delhi-110076 | [rishabh77225@gmail.com](mailto:rishabh77225@gmail.com) | +91 9354384477 | [Linkedin](#) | [Portfolio](#)

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## PROFILE SUMMARY

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I'm a passionate Python developer with a strong foundation in Artificial Intelligence and Machine Learning. My skills include data preprocessing, model training, and deployment using libraries like **NumPy**, **Pandas**, **Scikit-learn** and **TensorFlow**. I enjoy building intelligent solutions such as chatbots, prediction models, and automation tools.

## WORK EXPERIENCE

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### Data Intern

7 Digital Solution – Remote/Delhi

Feb 2024 – June 2024 (4 months)

- Managed and updated Excel spreadsheets for internal data tracking and client reports.
- Created interactive dashboards and visualizations using **Microsoft Excel** and **Google Sheets**.
- Built static parking pages using **HTML** and **CSS** to enhance the company's web presence.
- Conducted in-depth **online research** to support marketing, content planning, and competitor analysis.

## SKILLS

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- PYTHON
- OOP (Object-Oriented Programming)
- PANDAS
- TENSORFLOW
- NUMPY
- SCIKIT-LEARN
- SUPERVISED, UNSUPERVISED & REINFORCEMENT LEARNING
- JAVA
- HTML (Hypertext Markup Language)

## PROJECTS

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### Project: Altro – AI Virtual Assistant Bot

**Tech Stack:** Python, SpeechRecognition, pyttsx3, datetime, requests, BeautifulSoup, JSON, APIs

- Designed and developed Altro, a modular voice-enabled AI assistant using Python.
- Implemented functionalities to tell current time, date, and provide weather updates via real-time APIs.
- Integrated news reading features using News API to fetch and narrate top headlines.
- Enabled web search capability through Google Search and web scraping with BeautifulSoup.
- Developed a local data-saving system using files and JSON for storing reminders and notes.
- Utilized speech\_recognition for voice input and pyttsx3 for voice output.
- Followed clean, modular code practices for easy extension and scalability of features.



### Project: Live Chat Web App

**Tech Stack:** React.js, Firebase (Authentication, Firestore, Cloud Messaging), HTML, CSS

**Link:** [Live Demo](#) **Email for Contact me in chat :** dmngxj@gmail.com

- Built a **lightweight and fast real-time chat application** with Firebase and React, designed for smooth and interactive user experience.
- Implemented **user authentication**, **real-time messaging**, and **push notifications** using Firebase services.
- Optimized for **performance and scalability**, ensuring stable communication even with concurrent users.
- Emphasized **clean UI/UX**, responsive design, and seamless user onboarding.
- Gained hands-on experience in **data synchronization**, **cloud database management**, and **real-time updates**.
- Open to collaboration, feedback, or discussion on improving or expanding the app's capabilities.

## EDUCATION

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**Bachelor of Computer Applications**  
MDU | REGULAR | 2023-2026

**Senior Secondary (10+2)**  
Shaheed Hemu Kalani Sarvodaya Bal Vidyalaya | CBSE |2022-2023

## CERTIFICATIONS & ACHIEVEMENT

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- Build Real World AI Applications with Gemini and Imagen Skill Badge [VIEW](#)
- Data Analytics Job Simulation [VIEW](#)
- ACTC – MS Office & Advanced Excel

## LANGUAGES

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- HINDI - NATIVE
- ENGLISH - FLUENT
- JAPANESE - BEGINNER

## DECLARATION

I hereby declare that the information provided above is true and accurate to the best of my knowledge

– Rishabh Singh