

Samridhi Jaiswal

Email: samridhijaiswal2022@vitbhopal.ac.in

Linkedin: www.linkedin.com/in/samridhi-jaiswal-84373b250

GitHub link: <https://github.com/samworkzz>

C++, Python, CSS, JavaScript, HTML, React, NodeJs, MySQL

Education

BTech:

VIT Bhopal University Bhopal, Madhya Pradesh
Expected May 2026
Major in Computer Science
Minors in Artificial Intelligence and Machine Learning
Cumulative GPA: 8.78/10

12th Standard:

Methodist High School Kanpur, Uttar Pradesh
Jul 2022
ISC Percentage: 92%

10th Standard:

Methodist High School Kanpur, Uttar Pradesh
Jul 2020
ICSE Percentage: 97.3%

Projects

Microtask Vault

October 2024 – April 2025

A platform enabling users to earn money by completing AI-powered microtasks such as data labelling and content rating.

- Led the development of a scalable web platform connecting employers and users for data-centric microtasks.
- Designed robust backend systems using Node.js and MongoDB to manage datasets, users, and workflows.
- Integrated AI models for automated data labelling, increasing task accuracy and operational efficiency.
- Collaborated with an 8-member team using agile practices to ensure timely delivery and iterative refinement.
- Implemented task allocation algorithms and analytics dashboards to boost engagement and transparency.

Deepfake Detection

May 2024 – June 2024.

Addressing real-world challenges in media verification and digital content trustworthiness.

- Developed a video authentication system using Python, PyTorch, and OpenCV to improve dataset reliability by 30%.
- Optimized deep learning models with ResNeXt-50 and LSTM, enhancing classification accuracy by 15%.
- Applied adaptive pooling and dropout techniques to speed up model training.
- Performed thorough data preprocessing and augmentation to boost model generalization and robustness.

College Chatbot

October 2023 – November 2023

AI-powered student support system showcased during the VIT Bhopal project exhibition.

- Built and deployed a chatbot using LLaMA, Rasa, and Node.js, improving query resolution accuracy by 40%.
- Optimized NLU components and backend workflows to reduce average response time by 30%.
- Integrated memory features for multi-turn conversations, enhancing flow and overall user satisfaction.
- Worked with UI/UX designers to deliver an intuitive interface for academic and administrative access.

Extra-curricular

UI/ UX designer at Insights Club

July 2023- till date

Vellore Institute of Technology, Bhopal • Lead at Insights Newsletter Club

Vice- President

April 2020- April 2022

Methodist High School, Kanpur • United Students Organization

Additional

Languages: Fluent in Hindi and English, with a strong grasp of both written and spoken communication.

Certificates: [GEN AI using IBM Watsonx](#)

[Coursera: Advanced Learning Algorithms](#)

[Coursera: Applied Machine Learning in Python](#)

NPTEL: Privacy and Security (**silver badge**)