Samridhi Jaiswal

India ✉ samridhijaiswal2022@vitbhopal.ac.in 📱 9936793372 in/samridhi–jaiswal–84373b250 github.com/samworkzz

EDUCATION

Bachelor of Technology in Computer Science Engineering
Minor in Artificial Intelligence and Machine Learning • Vellore Institute of Technology • Bhopal, India • 2026 • 8.83

12th Standard
Methodist High School • Kanpur, Uttar Pradesh, India • 2022 • 91%

10th Standard
Methodist High School • Kanpur, Uttar Pradesh, India • 2020 • 97.3%

PROJECTS

Microtask Vault
A platform for earning money by completing AI-enhanced microtasks like data labelling and rating. • October 2024 –Ongoing
- Collaborating with a team of 8 to build a platform connecting employers and users for data-centric microtasks.
- Designing backend systems to manage datasets, user interactions, and task workflows efficiently.
- Integrating AI capabilities for automated data labelling, enhancing task accuracy and throughput.

Deep fake Detection
Real-world challenges related to media authentication • May 2024 - June 2024
- Developed a video validation system using Python, PyTorch, and OpenCV, increasing data integrity by 30%.
- Improved classification accuracy by 15% through optimization of ResNeXt-50 and LSTM models.
- Integrated adaptive pooling and dropout techniques, reducing training time by 20%.

College Chatbot
VIT Bhopal project exhibition • October 2023 - November 2023
- Developed a chatbot with LLaMA, Rasa, and Node.js, improving user query accuracy by 40%.
- Reduced average query response time by 30% through optimization of the back-end and NLP.

EXTRA CURRICULARS

Lead UI/ UX Designer
Vellore Institute of Technology, Bhopal • Lead at Insights Newsletter Club • July 2023 - Present

Vice President
Methodist High School, Kanpur • United Students Organization • April 2020 - April 2021

SKILLS

- **Programming Languages:** Python, Java, C++, SQL
- **Libraries/Frameworks:** TensorFlow, PyTorch, Pandas, NumPy
- **Concepts:** Data Structures, Algorithms, Linear Algebra, Analytics
- **Web Development:** JavaScript, React, Nodejs, HTML, CSS

CERTIFICATIONS

- **Machine Learning:** Stanford Online
- **Advanced Learning Algorithms:** Stanford Online
- **Privacy and Security in Social Media:** NPTEL Online Certifications