

Rishabh Singh

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EDUCATION

- VIT Bhopal University**
Integrated Masters of Technology - Artificial Intelligence; GPA: 8.32
Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases
Madhya Pradesh, India
October 2022 - October 2027
- Delhi Public School, Vindhyanagar**
12th Grade in PCM; Percentage: 82.6%
Madhya Pradesh, India
2020 - 2021
- Delhi Public School, Vindhyanagar**
10th Grade; Percentage: 92.6%
Madhya Pradesh, India
2018 - 2019

SKILLS SUMMARY

- Languages:** C++, Python, JAVA
- Tools:** GIT, MySQL,
- Platforms:** Linux, Web, Windows, AWS
- Soft Skills:** Leadership, Event Management, Public Speaking, Time Management

PROJECTS

- Panoptic Image Segmentation:** Developed and fine-tuned a panoptic image segmentation model using 'Detectron2' on top of PyTorch, integrating tools such as TensorFlow, Keras, OpenCV, and Python libraries for robust dataset pre-processing, model configuration, and real-time inference. (October '23)
- Symptosense :** Developed an AI-powered smart health assistant in Python using Flask, Scikit-learn, NLP, and MongoDB, enabling real-time disease prediction from text/voice symptoms with a Naive Bayes model and delivering personalized health recommendations via a responsive web interface. (August 24')
- Self Learning Recommendation System :** Developed a responsive e-commerce platform using the MERN stack, implementing a dynamic frontend with React.js, Material-UI, and Context API for seamless state management and user experience. (March 24')

CERTIFICATIONS

- Programming Fundamentals by Coursera - September , 2023
- Applied Machine Learning by Coursera - December, 2023
- Cloud Computing by NPTEL - May, 2024
- Data Science for Beginners by NASSCOM - March, 2025

VOLUNTEER EXPERIENCE

- Event Management Team Lead in Cooking and Feasting Club VIT Bhopal**
Conducted online and offline events related to cooking.
2023 - 2025