

EDUCATION

Bachelor of Artificial Intelligence, Computer Science

Sarla Birla University

2021 - 2025

Senior Secondary (XII), Science

KENDRIYA VIDYALAYA CRPF RANCHI

(CBSE board)

Year of completion: 2020

Percentage: 92.20%

Secondary (X)

KENDRIYA VIDYALAYA CRPF RANCHI

(CBSE board)

Year of completion: 2018

Percentage: 79.40%

WORK EXPERIENCE

Data Annotation

Expand AI, Virtual

Internship • Dec 2021 - Feb 2022 (2 months)

I have contributed in data annotation , data segmentation annotation

Data Engineer

Taiyo, Virtual

Internship • Sep 2021 - Dec 2021 (3 months)

Data web scrapping

Writting Python Scripts in Object Oriented Programming

Scripts refactoring , Pandas , sklearn , beautiful soup

GitHub , Machine Learning

TRAININGS

Machine Learning Real World Projects In Python

udemy, Online

Nov 2022 - Nov 2022

This course covers several technique in a practical manner, the projects include coding sessions as well as Algorithm Intuition:

1.Task #1 @Predicting the Hotel booking : Predict Whether booking is going to cancel or not

3.Task #2 @Predict Whether Person has a Chronic Disease or not: Develop a Machine learning Model that predicts whether person has kidney disease or not

2.Task #3 @Predict the Prices of Flight: Predict the prices of Flight using Regression & Ensemble Algorithms..

Natural Language Processing

udemy, Online

Jun 2021 - Jun 2021

This course was all about NLP which stands for natural language processing.

This course made me understand how to use and implement NLP.

PROJECTS

MedDiag: AI-Powered Disease Diagnosis and Doctor Report Summary

Feb 2024 - Feb 2024

Developed a web app that predicts disease types from images using deep learning with CNN. It supports three types of images: bone fractures, skin diseases, and CT scans of brain tumors. The site classifies the disease, displays symptoms, describes the condition, and suggests precautions.it also summarize doctor report cards for easier understanding.

Object Detection from Scratch YOLO

Jan 2024 - Jan 2024

Build end-to-end Pipeline to preprocess data and Train and test the model and Realtime Object Detection
Tensorflow,numpy,matplotlib,opencv

Data Science QuickFlow

Nov 2023 - Dec 2023

<https://github.com/Rohitw3code/Simplefied-ML-work-flow>

Developed a web tool for a data scientist using Flask,React,Tailwind CSS,Pandas,and NumPy.This platform enables data scientists to perform all data preprocessing task,feature selection, and machine learning model training tasks without writing code. It supports 17 regression and 20 classification algorithms and code generation

AI ResumeRover (LLM langchain)

Nov 2023 - Nov 2023

<https://github.com/Rohitw3code/ResumeRover>

Functionality: A platform for HR to upload and manage hundreds of resumes simultaneously. Enabled HR to filter resumes efficiently based on project needs and employee.
Technology Stack: Langchain and fine-tuned with OpenAI and FAISS , Python , Streamlit

Data Science Tool : QuickFlow ML

Nov 2023 - Nov 2023

<https://github.com/Rohitw3code/Simplified-ML-work-flow>

Perform data preprocessing and feature selection Train and test

models set hyperparameters.

Select from 17 regression and 20 classification algorithms

Generate code based on selected hyperparameters and algorithms

React, Tailwind CSS, Python Flask, along with foundational data

science tools including Pandas, NumPy, HTML, and JavaScript

AI ResumeRover (LLM)

Sep 2023 - Sep 2023

<https://github.com/Rohitw3code/ResumeRover>

Functionality: A platform for HR to upload and manage hundreds of

resumes simultaneously.

Enabled HR to filter resumes efficiently based on project needs and

employee requirements, providing valuable insights through query

driven analysis.

Technology Stack: Built using Langchain and fine-tuned with

OpenAI and FAISS , Python , Streamlit

Speech Emotion Recognition

Jun 2023 - Jun 2023

<https://github.com/Rohitw3code/speech-emotion-recognition>

I worked on a speech emotion recognition project using Flask. It predicts emotions from audio input with high accuracy. Trained on 2800 samples, it has a user-friendly interface and potential applications in customer feedback analysis

Speech Emotion Detection

May 2023 - May 2023

Created a website capable of analyzing user speech to predict their

emotional state. The system can classify emotions such as anger, surprise, happiness, sadness, disgust, crying, and

normal emotion

whatsapp chat classifier

Apr 2023 - Apr 2023

<https://github.com/Rohitw3code/Whatsapp-chat-classification-NLP>

I have developed a chat classification model that can accurately identify the author of a message based on user input. Specifically, I utilized exported WhatsApp chat

data and applied natural language processing techniques to train the model.

Air Draw whiteboard-hand-gesture computer vision

Jan 2023 - Jan 2023

<https://github.com/Rohitw3code/whiteboard-hand-gesture->

Air Draw using two finger Hand Guesture , user can also drag the canvas using hand move

Movie Recommendation

Jan 2023 - Jan 2023

<https://github.com/Rohitw3code/Movie-Recommendation>

This movie recommendation project uses NLTK and sklearn to analyze user reviews and ratings, identifying movie characteristics to provide personalized recommendations.

Image--classification-and-Localization-CIFAR10

Dec 2022 - Dec 2022

<https://github.com/Rohitw3code/Image--classification-and-Localization-CIFAR10>

Website that has two Tab the First tab is used to classify the CIFAR10 images and the secound Tab is used to Localize the images of cucumber , eggplant , mushroom

ComputerVision-Lips -mask-and-eyepatch-snapchat-filter

Dec 2022 - Dec 2022

<https://github.com/Rohitw3code/ComputerVision-mask-and-eyepatch-snapchat-filter>

This is AR Project which put the mask , eye patch on the person face , it also make the lips color (Realistic) ...this is inspired from the real world app SnapChat

Air Draw

May 2022 - May 2022

<https://github.com/Rohitw3code/Air-Draw-OpenCV>

OpenCV project to draw canvas in air using color detection technique

Computer-vision-stone-paper-scissor

Jan 2022 - Jan 2022

<https://github.com/Rohitw3code/Computer-vision-stone-paper-scissor>

Stone Paper Scissor game , user hand gesture is detected how the hand is shown in front of camers

Computer-vision-Emojis-Detector from the human face

Jan 2022 - Jan 2022

<https://github.com/Rohitw3code/Computer-vision-Emojis-Detector>

this project scan the user face and display the emoji according to the face of the user

MoM-Tailor

Dec 2020 - Mar 2021

<https://play.google.com/store/apps/details?id=com.momtaylorapp.momtaylor>

MoM-Tailor is an Online Tailor App for women we provide stitching service of KURTI and BLOUSE You can also purchase high-quality HAND made BAG with minimum cost

List of Some Of My Projects Available publicly

Mar 2019 - Mar 2021

<https://github.com/Rohitw3code>

I have Posted Most of My Projects on the Github

Social Media App for Programmer (Codeddit App)

Nov 2020 - Feb 2021

<https://play.google.com/store/apps/details?id=com.codedditapp.codeddit>

Codeddit is a Social Media App to help Programmers to Solve their programming related problem. a person can do the following features.

QUIZ , RUN HTML Code , Chatting , Programming and DS and ML related news , Read and Write Article

Android App and Python Projects

Nov 2020 - Nov 2020

<https://github.com/Rohitw3code/Find-coefficient-of-a-equation--Machine-learning-Gradient-descent>

There is one of my Machine Learning mini Project which determine the Coefficient of X_1 and X_2 in the equation of $y = aX_1 + bX_2$ using a gradient descent

I have build many Android Apps some of them are to be my future startup.

Covid19 Data analytics

May 2020 - May 2020

<https://github.com/Rohitw3code/COVID-19-Data-Analytics-using-python>

Covid19 Data analytics

This is python application that show the Covid19 cases , recovery and death data in graph and tabular form

Webscapping News

May 2020 - May 2020

<https://github.com/Rohitw3code/py-News-python-news-using-tkinter>

This is a simple python application that fetch news from website using web scrapping

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SKILLS

Android

Intermediate

Python

Advanced

Machine Learning

Advanced

Java

Intermediate

Deep Learning

Intermediate

SQL

Intermediate

MS-Excel

Beginner

HTML

Intermediate

C++ Programming

Intermediate

JavaScript

Intermediate

C Programming

Intermediate

C#

Beginner

Unity Engine

Beginner

Natural Language Processing (NLP)

Intermediate

Node.js

Intermediate

Computer Vision

Intermediate

OpenCV

Advanced

Flask

Intermediate

Data Science

Advanced

MongoDB

Intermediate

WORK SAMPLES

GitHub profile

<https://github.com/Rohitw3code>

Developer account link

<https://play.google.com/store/apps/developer?id=Codeddit>

ADDITIONAL DETAILS

Got selected in Samsung Solve for Tomorrow in TOP 30 All india out of 75k + registration