

# ANUJ PANTHRI

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## EDUCATION:

- **Master of Computer Application(MCA),**  
Shri Guru Ram Rai University, Dehradun | July 2022 – July 2024  
DIVISION: Distinction (8.5/10)
- **Bachelor's of Computer Application(BCA),**  
Shri Guru Ram Rai University, Dehradun | July 2019 – July 2022  
DIVISION: Distinction (8.7/10)

## TECHNICAL SKILLS:

- **Languages:** Python, Java, PHP
- **Technologies:** HTML, CSS, JS, SQL, Django, Tensorflow
- **Tools:** Git, GitHub

## PROJECTS:

### [\[Link\]](#) Poll App

**Tech Stack:** HTML, CSS, JS, Python, Django

- Implemented a working polling app where users can vote to an existing poll or create and share their own poll.
- Login/Signup using email with server-side validation.
- User can view and share a specific poll's page.
- User can't see the result of the poll before voting and after voting they can see the percentages of votes to each option.

### [\[Link\]](#) Piano Website

**Tech Stack:** HTML, CSS, JS

- This is a realistic working virtual Piano Website.
- Its design is inspired by a real life Product Lumi Keys by Roli.
- Integrated Tone.js library for generating and controlling audio playback.
- Enabled polyphonic playback, allowing users to play multiple notes simultaneously for experimenting with harmonies and complex compositions.
- I have done key event handling so that it is easy to play the piano.
- Has the ability to change octaves using the 2 buttons or left right keys.

### [\[Link\]](#) Learn Guide Project

**Tech Stack:** HTML, CSS, JS, PHP, Laravel

- A learning habit making web application which is based on the concept that if you want to learn something there should be two phases :- 1. you learn it, 2. you practice it.
- This keeps track of the skills a user is trying to learn and tells the user to learn a sub-skill and then practice it at least 3 times.

## [\[Link\]](#) Background removal using Image Segmentation

**Tech Stack:** Python, Tensorflow

- I made this project using the state of the art architecture (deeplab v3) I implemented the model by myself and trained it on person segmentation dataset.
- This can be used to remove background from a person's image.

## [\[Link\]](#) Yolo v2 object detection(yolov2keras)

**Tech Stack:** Python, Tensorflow

- I developed an object detection library in python by implementing the concept of Yolo v2 object detection.
- The library can be used for training and inferencing both.

## TRAINING & CERTIFICATIONS:

- [\[Certificate\]](#) **Machine Learning by Andrew Ng:**  
This course is focused on basics of machine learning talking about supervised learning and unsupervised learning and the algorithms used in them linear regression, polynomial regression, logistic regression, neural networks, Kmeans clustering, PCA, etc.
- [\[Certificate\]](#) **Deep learning Specialization (it consists of 5 Courses):**  
This course consists of 5 courses covering details on topics like Neural Networks and Deep Learning, hyperparameter tuning, Convolutional neural networks(CNN), Recurrent neural networks(RNN), etc.
- [\[Certificate\]](#) **DataTalksClub MLOps ZoomCamp:**  
This is an open source course which I have took in an cohort mode, it has an active Slack community and the course covers topics likes experiment tracking, model registry, Workflow Orchestration, Model Deployment, Model Monitoring, Unit Testing, Integration Testing, IaasC, etc. Apart from teaching MLOps it also talks about general software engineering concepts like Testing, Code Quality & Monitoring.

## EXPERIENCES:

- **Data Science Internship:**  
Tathya Earth | June 2024 – present  
I am working in Tathya Earth as a Data Science Intern where my responsibilities are developing & maintaining deep learning models to monitor various commodity supply chain globally and identify trends.