

Rajat Khatri

Application Engineer - Operational Services

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EDUCATION

Bachelor of Technology

Cochin University of Science and Technology

07/2018 - 06/2022

CGPA - 8.39

Courses

- Information Technology

Senior Secondary

Vivekanand Sanskar Sr. Sec. School

07/2016 - 07/2017

79%

Courses

- Science

WORK EXPERIENCE

Application Engineer

Sentient.io

07/2022 - Present

Achievements/Tasks

- Building end-to-end machine learning pipelines to train models on custom data.
- Designing API's and microservices to enhance backend architecture.

Machine learning Intern

Sentient.io

12/2021 - Present

Achievements/Tasks

- Creating an end-to-end **Machine learning pipeline** for different microservices on the **Google Cloud Platform**.
- Using Google cloud functions to deploy model API.

Machine learning intern

Konnect2digital

02/2021 - 11/2021

Online

Achievements/Tasks

- Automating the business related tasks using **Object detection**, **text recognition**.
- Using **Yolo** and **Tesseract** for text recognition, **Django** framework for developing Web applications powered by machine learning models. Used **MongoDB** for storing meta data for ML models.
- Worked as **Scrum master**, facilitating communication and information exchange between external groups and the project team. Monitor project progress, provide timely feedback, and drive a culture of agility and learning.

SKILLS

Python

Git

Kubernetes

Kubeflow

REST API

GCP

Flask

Django

Convolution Neural Networks

LSTM Neural Network

Text Processign

Computer Vision & Image Processing

SQL

PostgreSql

PROJECTS

Annotator (07/2021 - 11/2021)

- Created a web application in **Django with postgresql** to annotate the documents and images in order to build datasets for machine learning model.
- Containerised the application using **Docker** and deployed on **AWS** server.

Cert-to-text (03/2021 - 06/2021) [🔗](#)

- Created a web application using **Django and mongodb** which uses **Deeplearning** algorithm to detect and extract relevant information from the certificates.
- Designed the pipeline for model and served the model result as API. Used **Docker** containerise the application.

YOLO FACE DETECTION (11/2020 - 11/2020) [🔗](#)

- Created a Human face detection model with **Yolov3** algorithm in **Tensorflow2.0** which can detect human faces in pictures and videos of high fps.

Youtuber Marketplace (07/2021 - Present)

- Creating a platform using **Django with Postgresql** for filling the gap between Youtubers and organisations for product marketing.

CERTIFICATES

DeepLearning Specialisation (09/2020 - Present)

Completed the 5 deeplearning courses from coursera of **Deeplearning.ai**

Fast Track to Machine Learning (11/2020 - Present)

Machine learning certification by **Coding Club**, **IIT Guwahati**

LANGUAGES

English

Professional Working Proficiency

Hindi

Full Professional Proficiency

Punjabi

Full Professional Proficiency