

Yogesh Raisinghani

+91 8780851284 yogeshr5900@gmail.com in yogeshr5 raisinghanii Ahmedabad, IN

EDUCATION

B.Tech Computer Engineering

Charotar University of Science and Technology (CHARUSAT)

CGPA - 9.25

Jun 2018 – 2022 | Changa, Anand, IN

INTERNSHIP EXPERIENCE

Full Stack Developer Intern

Flawless Advisory

Aug 2020 – Nov 2020 | Ahmedabad, IN

Live Project - [facelesstax.com](#)

- A **Responsive website** to digitize the dealing with tax-related processes.
- Built and maintained a **full-fledged MySQL database**.
- Integrated **Payment, SMS, Mail**, and **Live-Chat** modules.

Front-end: HTML, CSS, Bootstrap.

Back-end: PHP, JavaScript.

DataBase: MySQL.

Deep Learning Research and Development Intern

Charotar University of Science and Technology (In-house)

Apr 2020 – May 2020 | Anand, IN

Project – [Faculty Feedback Sentiment Analysis](#)

- A portal for the university to take input of faculty reviews and analyze the sentiments depicted by them.
- Trained an **LSTM RNN** model on **Coursera 100K course review dataset** and achieved an **accuracy of 96%**.

Front-end: HTML, CSS, Bootstrap, Flask.

Libraries: NumPy, Pandas, TensorFlow, Keras, NLTK, Scikit-Learn.

ACADEMIC PROJECTS

Smart Vision

Ongoing

- A system to **empower visually challenged individuals** with a **voice assistant** to **explore** and **read** things nearby.
- Implemented pre-trained **SDD model** on **COCO dataset** for **object detection**, and **estimate depth** on top of that.
- Implemented OCR using **Tesseract OCR engine**.

Libraries: NumPy, OpenCV, TensorFlow, Keras, Tesseract, Django, EngineIO.

Signature Verification

Apr 2022

Course: Digital Image Processing

- Using various **geometric properties** of images generated features of a signature.
- Trained a Deep Neural Network on those features and achieved an **accuracy of 96%**.

Libraries: Keras, OpenCV, SKimage, Matplotlib.

Pixefy – Enhance every pixel

Jul 2020

Course: Mobile Application Development

- An **Android app** that will **Colorize, Enhance Resolution** and **Dreamify** your input images.
- **Chaquopy** was used to connect python and android studio and then serviced **DeepAI API**.

Backend: Java, Python, Chaquopy.

Movieflix – Movie Recommendation System

Mar 2020

- A **hybrid movie recommendation system** that recommends movies to users based on what they like.
- Used **KNN** and **SVD** approach for **collaborative filtering** and **correlations** for **content-based approach**.
- Used **Flask** and deployed a small version on **Heroku**.

Front-end: HTML, CSS, Bootstrap, Flask.

Libraries: NumPy, Pandas, Scikit-Learn, Matplotlib, Fuzzywuzzy, Pickle, Surprise.

Browser Assistant

May 2019

- A **virtual assistant** to **automate** some basic mundane tasks on the browser.
- Used **Selenium** and **Google's Speech-to-text API**.

Technology: Python, Selenium, Speech_recognition.

Automated Time Table Generator

Nov 2018

Course: Object Oriented Programming Using C++

- Using C++ STL to automatically generate a timetable for the university based on the requirements provides.
- Considering that the slots do not clash, and the students get a variety of subjects on a particular day.

SKILLS

Programming Languages and Databases:

C, C++, JAVA, Python, SQL, Oracle, PLSQL, JavaScript, PHP

Libraries:

NumPy, Pandas, Sklearn, Keras, TensorFlow.

Tools and Technologies:

GitHub, Latex, MATLAB, Flask, PowerBI

Development/Frameworks:

HTML, CSS, JavaScript, Android Studio.

CERTIFICATES

TensorFlow Specialization [🔗](#) | Neural Network and Deeplearning [🔗](#) | Algorithmic Toolbox [🔗](#)

SPORT PROGRAMMING

- 4 Star on Codechef, Rating 1859(High. 1939) [🔗](#)
- 5 Star in Problem Solving on HackerRank. [🔗](#)
- Google Competitions [🔗](#)
- Rank 2K out of 55K in TCS Codevita Round 1 [🔗](#)

RESPONSIBILITY

Executive Member – Problem Setter

Codechef Charusat Chapter

Building a coding community and host frequent contests.

Nov 2020 – present