# Raghav Ramchandra Desai

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LinkedIn | GitHub | Hacker Rank


## *Professional Summary*


As a recent graduate in E&TC, I am a highly motivated and detail-oriented Software Engineer with a strong foundation in analytical and technical skills and a passion for problem-solving. I am excited to bring my skills and enthusiasm to a dynamic and innovative company as I continue to grow and develop my skills.


## *Educational Background*

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| 2022 | **BE (E&TC with HON- AI for Big Data Analysis)**<br>Marathwada Mitra Mandal's College of Engineering, Pune<br>SPPU<br>71.90% |
| 2018 | **Diploma (E&TC)**<br>Rajiv Gandhi Polytechnic College, Udgir<br>MSBTE<br>67.41% |
| 2015 | **SSC**<br>Lal Bahadur Shastri Vidyalaya, Udgir<br>Maharashtra State Board<br>83.00% |

## *Technical Skills*

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|---|---|
| Core Technologies | Core Python, Data Science, OOP, Data Structures |
| Web Technologies | HTML, CSS, Java Script, jQuery, Bootstrap |
| Database | MySQL, SQlite |
| Frameworks | Flask, Django |
| GUI | Tkinter, Customtkinter |
| Data Analysis | NumPy, Pandas, Sklearn, Matplotlib |
| Tools | Visual Studio Code, Jupyter Notebook, Google colab, Power BI, MS Excel |

## *Certifications Completed*

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|---|---|
| Full Stack Diploma in Python | Completed in July 2022 |
| Diploma in Data Science | Completed in July 2022 |

## *Academic Projects*

### 1. Data Science Project

**Project Title** Movie Recommendation System

**Technologies Used** Numpy, Pandas, Streamlit

**Description** This project uses a content-based recommendation approach. The goal of this project is to create a personalized movie recommendation system that can suggest movies to users based on the words used to describe the movies. This can be achieved by collecting data on movie descriptions and using the bag of words technique to convert the descriptions into numerical vectors that can be used to train a machine learning model.

### 2. Full Stack Project

**Project Title** Mybooks Website

**Technologies Used** HTML, CSS, JavaScript, Bootstrap, SQLite

**Description** MyBooks is an online platform for buying books. The website allows users to browse, search and apply **Category Filter** for books based on various criteria such as Best Sellers, Action & Adventure, Fiction Books, and more then purchase the books directly from the website. The website also includes features such as **Pagination**, which allow users to navigate, making it a convenient and reliable resource for finding and purchasing books online.

### 3. Personal Project

**Project Title** Market Range Specifier - PAYEND

**Technologies Used** Python, Customtkinter

**Description** The PAYEND is a software application that I have developed that helps to predict the upper and lower range for Indian stock Indices (such as Nifty, BankNifty) prices within which the market is likely to move. This application is designed to provide users with a highly accurate estimate of the likely market range, with an **accuracy rate of 98%.**

### 4. Final Year Project

**Project Title** IOT Based Weather Monitoring System

**Technologies Used** Proteus

**Description** The project aims to detect real time weather parameters (like Temperature, Humidity, Rain, Light, etc.) and show the data on cloud and device itself which is used for further prediction.

## *Special Achievement*

I have a **YouTube Channel with 8.5k+ subscribers**. Where I make educational videos on Engineering topics like Engineering Mathematics, Analog Communication, Digital Electronics, Electronic Devices & Circuits, etc.

## *Extra-Curricular Activities*

1. Secured **2nd place** in Poster presentation competition organized by student welfare association in 2017.
2. Participated in various college level events.
3. Worked as volunteer in **Lions Clubs International**

## *Personal Information*

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| Gender | Male |
| Date of Birth | 25th March, 1999 |
| Hobbies | Listening audio books |
| Languages Known | Marathi, Hindi, English, Japanese |