

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

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

Technical Skills

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

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	<u>Movie Recommendation System</u>
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	<u>Book eCommerce Website</u>
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	<u>PAYEND – Market Range Identifier</u>
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	<u>IOT Based Weather Monitoring System</u>
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

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