

# Divanshu Manchanda

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## ABOUT ME

### **Python Developer & Data Analyst**

To work as a computer science engineer by applying skills in development, coding, problem-solving, designing, and artificial intelligence.

## EDUCATION

### **B.Tech in CS & IT**

Ajay Kumar Garg Engineering College  
-8.04/10.00(pursuing)  
2020 - 2024

### **CLASS XII & X(CBSE)**

(2020) &(2018)  
Rainbow School  
90.2% & 90.4%

## LINKS

 [GitHub](#)  
 [LinkedIn](#)  
 [LeetCode](#)

## SKILLS

### **Programming languages-**

- C/C++
- Python
- JavaScript

### **Development Tools-**

- HTML
- CSS
- SQL
- UI/UX
- GPT 3.5
- Bootstrap
- NumPy
- Pandas
- BeautifulSoup
- Requests
- Matplotlib
- Seaborn
- Plotly
- Django

## PROFICIENT IN

- Database Management System
- Object Oriented Programming
- Operating System
- Data Structures

## PERSONAL DETAILS

**Date of Birth -** 31st Oct 2001

**Languages -** English, Hindi

## EXPERIENCE

### **SYNC INTERN - Web Development Intern**

July 2023-Aug 2023

- Developed and launched multiple web projects utilizing **HTML**, **CSS**, and **JavaScript** during a dynamic web development internship.
- Implemented responsive design principles, enhancing user experience and ensuring compatibility across different devices.

### **Trailytics - Python Developer Intern**

Aug 2023

- Acquired an accuracy rate of **76.8%** and practical experience in web scraping tasks.
- Responsibilities included web scraping using libraries like requests and uploading data to a **SQLyog** database.
- Uploaded scraped data onto the **SQLyog** server, ensuring efficient database management.
- Gained experience with various **Python** libraries and **SQL** server management.

## PERSONAL PROJECTS

### **IPL Data Science Analyzer**

- Achieved **90%** accuracy in predicting match outcomes using **Python**, **Pandas** & **NumPy**.
- Overcoming challenges related to inconsistent data by implementing robust data preprocessing techniques.
- Developed and implemented machine learning algorithms to analyze player performance and team strategies.
- Tech stack: **Python**, **NumPy**, **Pandas**, **Matplotlib**, **SQL**, & **Git**.
- IDE:- **Google Colab**

### **Text Data Analysis - YouTube Case Study**

- Achieved accuracy rate as **25%** increase in engagement, **30%** reduction in negative sentiment, & **20%** improvement in video performance metrics.
- Overcoming challenges of processing large volumes of unstructured text data, addressing data sparsity and noise, and mitigating bias in sentiment analysis.
- Collaborated closely with content creators and marketing teams to define project objectives and deliverables.
- Tech stack: **Python**, **Matplotlib**, **Seaborn**, **NumPy**, **Pandas**, **NLTK**.
- IDE:- **Jupyter Notebook**

### **Amazon Reviews Scraper ([GitHub Repository](#))**

- Acquired accuracy rate of **40%** through optimization of Web scraping algorithms to improve data extraction.
- Developed a web scraping tool using **Python** and **BeautifulSoup** to extract product details and reviews from Amazon.
- Implemented rotation of user agents and proxies to bypass anti-scraping measures and gather data from multiple pages.
- Tech stack: Languages: **Python**, Libraries :**Requests**, **BeautifulSoup**, **Pandas**(**CSV file handling**), IDE: **Google Colab**.

## PORTFOLIO

### [Versatile Developers Portfolio](#)

- Showcasing Diverse Projects and Tech Expertise

## CERTIFICATES & ACHIEVEMENTS

- 1) [Mastering OpenAI Python APIs: Unleash ChatGPT and GPT4\(by ColtSteele\)](#) -
- 2) [Secured 5898 Rank in CodeKaze conducted \(by Coding Ninjas\)](#) -
- 3) [Secured 857 Rank in Code Combat 3.0 conducted \(by Coding Ninjas\)](#) -
- 4) [Completed 300+ LeetCode Questions.](#) -