

PIYUSH AGARWAL

Data Science Practitioner | Machine Learning Engineer | Django Developer

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Career Objective:

My goal is to secure a responsible career opportunity by making use of my technical as well as interpersonal skills at entry-level to begin in a high-level professional environment. I intend to be a part of an organization where I can constantly learn and develop my technical skills and make best use of it for the growth of the organization. I look forward to establishing myself by adapting new technologies as well.

Education:

Degree	Name of the Institution Board	Year of Passing	Grades
BTech (CSE-AI&ML)	Chandigarh University,Mohali UGC	2022	7.9
12 th	SDP SR. SEC. SCHOOL,Jhunjhunu RBSE	2017	91.00%
10 th	SDP SR. SEC. SCHOOL,Jhunjhunu RBSE	2015	93.67%

Trainings:

April 2020-May 2020	Data-Science training at Analytics Vidhya. Statistics, Basic EDA, Data Visualization, Model Selection
May 2020-June 2020	Machine-Learning training at Analytics Vidhya. Model Selection, Model Building, Hyperparameter tuning, Rebuilding Model
July 2020-Dec 2020	Neural Networks and Deep-Learning at Coursera. Basics of NN, ANN, CNN, RNN, Hyperparameter tuning

Skills

Technical Tools

Certifications

Machine Learning	Visual Studio Code	Programming with Java(NPTEL)
Deep Learning	Atom Code Editor	Data Analysis with Python(Coursera)
Data Science	Jupyter Notebook	Data Visualization with Python(Coursera)
Python/Django	Google Colab	Neural Networks and DL(Coursera)
Java/React	Command Prompt	Data Science(Analytics Vidhya)
C++	Cisco Packet Tracer	Machine-Learning(Analytics Vidhya)
Firebase/Postgresql/SQL	Git/GitHub	

Projects:

Aug 2020-Nov 2020	<i>Song/Music Recommendation System</i> – Django You-Tube API ML Algorithm Recommendation of Songs on the basis of the user's items and their sentiments(item-item mapping). Deployment : Django Framework Tools : Jupyter, Google-colab, Atom, Visual Studio, Scikit-learn, Numpy, Pandas, Seaborn , You-Tube Data API etc.
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Dec 2020-Feb 2021

AI-CAPTIONER(Image Caption Generator)

Generating captions for images using Rnn-Cnn models.

Deployment : Django Framework

Tools : Jupyter, Atom, Scikit-learn, Numpy, Pandas, Seaborn, Google Colab, VS-Code, HTML, CSS etc.

Feb 2021-March 2021

Django-Audiotracks-CRUD-APP

CRUD app for different audio tracks like Song, Podcast, AudioBook etc.

Deployment : Django Framework and GitHub

Tools : Django, VsCode Editor, Github, SQLite HTML, CSS etc.

July 2020-Aug 2020

Flight Price Prediction App

Prediction of flight fares on the basis of duration and time of travel.

Deployment : Flask Framework

Tools : Jupyter, Atom, Scikit-learn, Numpy, Pandas, Seaborn etc.

Achievements:

- Participated in Machine Learning Hackathon conducted by Analytics Vidhya(Janta-Hack-CrossSell Prediction)
- Participated in ML/NLP Hackathon conducted by Analytics Vidhya(JantaHack-HealthCare-Analytics)
- Elected as the leader of the house to conduct events and assembly during HSE.
- Attended various seminars organized by Chandigarh University on Corporate, Competitive and Spiritual World.
- Elected as the leader of the Badminton Team to represent in the interSchool BCT.

Hobbies:

- Making Projects by blending different techs out there.
- Travelling | Sports | Reading Blogs on Technologies | Music.