

Ujjwal Tyagi

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I am currently in my 3rd year of Engineering, profiled as a Full Stack Web developer having experience with Machine learning and Deep learning along with a strong understanding of data structures and Algorithms

EDUCATION			
Degree/Certificate	Year	Institute	CGPA/%
B. Tech (ECE)	2024	Jamia Millia Islamia, New Delhi	9.5 (avg)
CBSE CLASS 12	2019	Delhi Public School Ghaziabad Vasundhara	95.4
CBSE CLASS 10	2017	Delhi Public School Ghaziabad Vasundhara	10.0

Technical Skills

Programming -C, C++, python

Front-End-HTML, CSS, JavaScript, React.Js

Back-End -Node.js, Express.js, MongoDB, PostgreSQL

Machine learning and Deep learning – sci-kit learn, TensorFlow 2.0

- Strong understanding of Data structures and algorithms
- Understanding of Object Oriented Programming (OOPs) and Databases(SQL and mongo DB)

Experience

• Web Development and Design internship at UNIcompiler.

1. Making posters and web pages to spread awareness and promote wildlife conservation
2. Using MERN stack to edit and make websites more optimal and user-friendly.
3. Creating Forms and storing data in Non-relational databases.

Certificate

Relevant courses

- The Complete Web Development in 2022 by Zero-to-Mastery -UDEMY

Certificate

- Complete Machine Learning & Data Science Bootcamp 2022 by Zero-to-Mastery -UDEMY

Certificate

Projects (click on Project name to open GitHub)

1. Face-Recognition WebApp

03/2022

- A Full-Stack web application based on react app.
- User registration and Profile data management using PostgreSQL.
- Face Recognition in an image (URL) using AI from Clarifai API.
- Backend server using Node.JS, and Express.JS to serve different web outputs

Live-Website

2. Dog Breed Predictions

1/2022

- Multi-class classification problem on unstructured data.
- Identifying a dog's breed using A dog's image in .jpg/.png format.
- Using Google Colab(python) ,Tensorflow2.0, Pandas ,NumPy, Matplotlib.
- The model achieved 89% accuracy (R2 score)

Personal Achievements

- Cleared JEE Mains with 97.4%ile
- Conducted Various workshops about data structure and algorithms for students
- Executive member of IEEE Cs society of Jamia Millia Islamia
- Head-Boy of Delhi Public School Ghaziabad Vasundhara (2018-2019)