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Taha Habib

Technical Skills: Python, SQL, Tableau, C++, Machine Learning, Computer Vision, Data Analysis, Data Visualization, Web Scraping, Data Structures & Algorithms,

Courses: Applied Machine Learning with Python by Coursera, Google UX Design, AWS Cloud Practitioner Essentials

EDUCATION			
Board	Tenure	Educational institution	CGPA/Percentage
B. Tech (CSE)	Sept 2020 –Ongoing	Vellore Institute of Technology, Bhopal	8.74/10
Class XII	March 2020	Delhi Public School, Indore	96.4%
Class X	March 2018	Delhi Public School, Indore	90.2%

ACADEMIC PROJECTS

Data Analysis & Visualization	<ul style="list-style-type: none">▪ Crypto Forecast 2022 Analysis (November 2022 – November 2022)<ul style="list-style-type: none">- Description: Analyzed and Visualized the sudden crash of the crypto market in 2022.- Technology: Python, Deep, Learning, Blockchain- Skills: Data Visualization, Data Cleaning, Feature Extraction, DL- Link and Results: https://www.kaggle.com/code/tahahabib/crypto-forecasting; Frequent Oversold intervals observed▪ Financial Literacy – University Students (December 2022 – January 2023)<ul style="list-style-type: none">- Description: Conducted a survey and analyzed Financial Literacy among University Students to serve the interests of the National Education Policy (NEP).- Technology: Python, Tableau, MS Excel- Skills: Data Extraction, Data Transformation, Machine Learning, Data Visualization- Results: 26.8% of the total population is financially trained and shows better Financial Literacy than the untrained population.
Deep Learning	<ul style="list-style-type: none">▪ Intelligent Irrigation System (January 2023 – February 2023)<ul style="list-style-type: none">- Description: Leverages real-time data from sensors to dynamically control the activation and deactivation of sprinklers, ensuring optimal soil moisture and ambient conditions for efficient and effective irrigation.- Technology: Python, Deep Learning, IoT- Skills: Deep Learning, IoT, Arduino, Database Management, Data Extraction & Transformation- Results: The model predicted the sprinkler's status with an Accuracy Validation - 0.9203▪ Text-To-Speech + Voice Clone Model (November 2022 – January 2023)<ul style="list-style-type: none">- Description: Built and trained a TensorFlow Text-To-Speech model for English, Hindi, Gujarati, and Bengali with a feature of Voice Cloning.- Technology: Python, TensorFlow, Natural Language Processing- Skills: Deep Learning, Git, Audio Pre-Processing, Natural Language Processing, Data Aggregation- Results: Natural TTS voices in the aforementioned languages.

Internship

TalenQ, Bangalore

(October 2022 –
January 2023)

▪ Data Science Intern

- Extract and clean data from repositories, datasets, and files.
- Create visualizations for the data and develop Machine Learning models to predict patterns.
- Working on databases using SQL.
- Image processing and data extraction from images.
- Team: 3 members
- Reported to **Senior Data Scientist Mr. Manu Bohra, TalenQ**

EXTRA-CURRICULARS AND ACHIEVEMENTS

Achievements

- Certificate of course completion from Datacamp and Cousera.
- **LeetCode**: 120 Questions; 30 Easy; 81 Medium; 9 Hard; **Rank**: 381, 003; **Badges**: 50 Days Badge 2022, LeetCode 75 – Level 2
- Presented a project in the IoT Club’s Tech Event IoT Unleashed, Advitya 2023

ADDITIONAL INFORMATION

Hobbies

- Producing Music
- Composing Lyrics and Write-Ups
- Playing the Guitar
- Graphic Designing

Languages

- English, Hindi, Gujarati