BASUDEV TYAGI

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EDUCATION

Year	Degree/Exam	University/School	CGPA/%
2019-Present	B.Tech.(CSE)	Graphic Era University	**8.86** /10.0
2019	XII (ISC)	Raja Rammohan Roy Academy	**85%**
2017	X (ICSE)	Raja Rammohan Roy Academy	**94.4%**

EXPERIENCE

- **Python Developer Intern**| KODERS KORPORATION   In-Office Internship | (January 2022 – June 2022)
    - Worked collaboratively with clients and development team to provide back-end for EponNFT, an Ethereum based NFT Minter Application using web3.py and Flask.
    - Worked on Spam Invite Joiner, a CLI application that allows a user to monitor a Discord channel for invite links and join the links using the provided accounts as soon as they are sent in the aforementioned channel using discord.py.
    - Worked collaboratively with the development team on Attendance Monitoring System. Created the backend using GraphQL and a REST API using Flask to mark attendance of the employees for the day.

PERSONAL PROJECTS

- **ANALYSIS OF INDIAN ELECTIONS USING TWITTER** (Dec 2021 – Jan 2022)
    GitHub Repository: https://github.com/BasuDevTyagi10/Analysis-Indian-Elections-Twitter
    A simple **Data Science project**, showing the **volume and sentiment analysis** based on the tweets of the users of **Twitter**. The tweets are obtained from this dataset which are **scraped from the Twitter API** and then the insights are represented through **graphs** using **plotly**, a **python** library.

- **OFFENSIVE CONTENT DETECTION FLASK WEB-APP** (Apr 2021 – May 2021) **(Live App)**
    GitHub Repository: https://github.com/BasuDevTyagi10/offensive-tweet-detection
    Python built Web Application (**using Flask Web Framework**) that allows a user to give multiple text inputs or fetch **tweets from Twitter API** and run a trained **Machine Learning Model (using Logistic Regression Algorithm)** to classify them as *"Offensive"* or *"Non-Offensive"* with an accuracy between 94-96%.

- **STUDENT REPORTCARD GENERATOR** (Oct 2020 – Nov 2020)
    GitHub Repository: https://github.com/BasuDevTyagi10/SchoolReportCardGenerator
    Python built GUI Application (**using tkinter module**) that allows a user to add, edit, search, delete and generate a Report Card for a student in pdf format and doc formats. The data is stored in **a local database file using SQLite**.

TECHNICAL SKILLS

- **Languages:** Python (Proficient), Java (Proficient), C (Basic), C++ (Basic), JavaScript (Basic), PHP (Basic), HTML & CSS
- **Database:** MySQL, SQLite, PostgreSQL, GraphQL, mongoDB
- **Version Control:** Git, GitHub

- **Frameworks:** Flask, Django, Bootstrap, Node.js, Express.js
- **IDEs and Software Packages:** Visual Studio Code, Eclipse, Jupyter, PyCharm, Adobe XD & Figma (UI/UX Designing)

SCHOLARSHIPS, ACHIEVEMENTS & CERTIFICATIONS

- Coursera Certifications:
    a. Introduction to RDBMS
    b. Relational Database Administration (DBA)
    c. Database and SQL for Data Science with Python
    d. Foundation of UX Design by Google
    e. Introduction to Linux Commands and Shell Scripting

- AWS Machine Learning Scholar 2021
- Hackerrank Certificates for Java (Basic) , SQL(Basic) and Python (Basic)
- Contributor in GWOC'21 (Certificate)
- FutureSkills Prime Adobe UX Foundation Journey 2021
- Successfully merged 4 PRs for Hacktoberfest 2021