RAHUL SHARMA

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PROJECTS

- ### PollVerse (sentiment analysis) [Github]
  Tech Stack: Flask, SQLite, Bootstrap, vanilla CSS and WTForms
  - **Description**: A sentiment analyzer web-app to analyze sentiment of a discussion thread.
  - **Features**:
    * **Anonymous Poll Creation:** Logged-in users can anonymously create polls on various topics of interest.
    * **Discussion Threads:** Users can initiate and participate in discussion threads related to the polls.
    * **Sentiment Analysis:** The system employs sentiment analysis to analyze the sentiments expressed in the comments over time.
    * **User Authentication:** Allowing users to register, log in, and manage their accounts, including a forgot password system with OTP.
    * **User Profiles:** Each user has a profile page where they can view their activity.
    * **Responsive Interface:** The project includes responsive interfaces for different sizes of devices, ensuring a smooth user experience.
    * **Database Connectivity:** All user data, poll information, and discussion threads are stored and managed efficiently using an SQL database.
    * **REST API:** This provides user a REST API with API key authentication to peform GET request.

- ### Blogging Website [Github]
  Tech Stack: Flask, SQLite, Bootstrap, vanilla CSS and WTForms
  - **Description**: A Blogging Website with CRUD operations.
  - **Features**:
    * **Commenting:** Allowing users to comment on a particular blog post.
    * **User Authentication:** Allowing users to register, log in, and manage their accounts.
    * **Responsive Interface:** The project includes responsive interfaces for different sizes of devices, ensuring a smooth user experience.
    * **Database Connectivity:** All user data, blog information, and comments are stored and managed efficiently using an SQL database.

- ### To-do List [Github]
  Tech: vanilla JS, vanilla CSS, HTML
  - **Description**: A web-app to organize the list of your work.
  - **Features**:
    * **Local Storage:** Uses browser's local storage to save data and fetch after closing the app.
    * **Updating Feature:** Update any list item dynamically.
    * **Delete and Clear Feature:** Users can delete any item or clear the list at once dynamically.

- ### Tic-Tac-Toe [Github]
  Tech: vanilla JS, vanilla CSS, HTML
  - **Description**: A childhood Basic Tic Tac Toe Game.
  - **Features**:
    * Single Player Mode
    * Two Player Mode
    * Dark Mode

- ### Small python projects
  Language : Python
  - **Classical snake game**: [Github]
    * **desc:** A classical game made using Turtle (make this bold) which is for both mobile and PC.
  - **Flight price msg**: [Github]
    * **desc:** This accepts an Excel sheet of the places user wants to go with specific budget and checks for all the flights available using Tquilia API and emails the user when available.
  - **Amazon price tracker**: [Github]
    * **desc:** This uses Beautiful Soup and scraps the data. When the product is in the budget, then it emails the user.

Education

- Xavier Institute of Engineering — Mumbai, MH
  Bachelor's in Information Technology; CGPA: 8.7 — *2022 – 2026*
  - **Current Semester**: Semester 5
- MVHS — Mumbai, MH
  9.4 CGPA — *June 2018 – March 2019*
- Elephinstone College — Mumbai, MH
  PCM and Electronics; 9.5 CGPA — *July 2019 – March 2022*
- **MHT-CET**: 93.9682 Percentile

Programming Skills

- **Tech Skills**: C/C++, Python, HTML, JavaScript, CSS, BootstrapCSS, Flask, Selenium WebDriver, BeautifulSoup (bs4), Pandas (Basic)
- **Interests**: Meditation (Vipassana), Reading books, Monkey Type (105WPM), Chess