MD. SUHAIB ARIF SIDDIQUI

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OBJECTIVE

Proficient in developing scalable and efficient APIs using FastAPI, Flask, and Django, with a proven track record of delivering robust solutions in cloud environments like AWS. Adept at full-stack development, from creating intuitive frontend interfaces to building secure and efficient backends.

EXPERIENCE

- **Transloom**   *April 2024 - August 2024*
  Data Scientist   Hyderabad, India
  - Development of **RESTful API** for **NLP** using **FastAPI** and **NLP** Models with **Pytorch** for Machine Translation purposes.
  - Developed an algorithm for Image and Document translation, used **multi-threading** to make the process faster.
  - Managed the deployment of APIs on **Amazon Web Services (AWS)**, ensuring scalability and reliability in a **cloud environment**.
  - Utilized **Git** for version control and collaborated on **GitHub**, maintaining a clean and organized codebase through regular commits, branching, and pull requests.

- **DataPoint IT**   *May 2023 – June 2023*
  Software Developer   Remote
  - **Frontend Development**: Created user-friendly interfaces using using **HTML, CSS, and JavaScript** and integrated with **Django** backend.
  - **Backend Development**: Developed **RESTful APIs** using **Django** including creating endpoints for user authentication, data retrieval, and data management. Implemented and managed the database schema using **Django's ORM**, ensuring efficient data storage and retrieval

EDUCATION

- **Lords Institute of Engineering Technology**   *2020 - 2024*
  Computer Science and Engineering   Hyderabad, India
  - GPA: 7.85/ 10

PROJECTS

- **ChatGPT Clone**   *September 2024*
  Tools: [React-JS, FastAPI, MongoDB, Langchain]   []
  - **Frontend:** Developed a **React**-based UI with hooks like **useState** and **useEffect** for efficient state management and lifecycle handling. Implemented **session management** for resuming chat histories.
  - **Backend:** Built a **FastAPI** server for managing chat sessions, integrating **MongoDB** for session data storage. Developed endpoints for user inputs and PDF queries.
  - **Machine Learning:** Used **LangChain** with the **Gemini** model for generating conversational responses. Applied **NLP** techniques using **Transformers** and **NLTK** for accurate AI responses.

- **BULLYDETECTIVE**   *Month Year*
  Tools: [Flask, MySQL, HTML, CSS (Bootstrap), JavaScript]   []
  - **Machine Learning:** Implemented **classification algorithms** using **scikit-learn** to categorize user comments into bullying and non-bullying categories.
  - **Database:** Integrated **MySQL** to store user registration details and post data.
  - **Web Technologies:** Developed using **Flask** for routing and request handling, with **HTML, CSS (Bootstrap), and JavaScript** for the frontend.

SKILLS

- **Programming Languages:** Python, JavaScript, Java
- **Web Technologies:** ReactJs, ViteJs, HTML, CSS, Javascript
- **Database Systems:** MySQL, PostgreSQL, MongoDB
- **Data Science & Machine Learning:** Pytorch, NLP, Scikit-learn, Web Scrapping, LangChain, Transformers
- **Cloud Technologies:** Amazon Web Services (AWS)
- **Version Control:** Git, Github