Kartik Swaroop Dhiman

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SKILLS

Python, Git/Github, C, C++, FastAPI, Javascript(beginner**), HTML, Machine Learning, GenAI, Data Version Control, RESTful API, Exploratory Data Analysis(EDA), Neural Networks, Deep learning, NoSQL(MongoDB), SQL, and Data Structures.**

EDUCATION

Ajay Kumar Garg Engineering(2021-2025)   **Ghaziabad, UP**
  Bachelor of Technology, Computer Science and Engineering   CGPA - 7.32 / 10

Nehru World School(2018-2020)   **Ghaziabad, UP**
  High School, PCM   Percentage - 93.2%

EXPERIENCE

IBM Skillbuild Summer Internship*(LINK)*   Date - 25 June to 05 August
- Build a blog RESTful API for this project with Python. The API is connected to the database. API calls the database to store and retrieve the information about the blog.
- The repo*(LINK)* contains the code for the blog API implementation.
- The technologies used in this API are Python, FastAPI, and database(MongoDB). Certificate link(Linkedin).

PERSONAL PROJECTS

Fake News Detector*(LINK) Tech Used - Python, FastAPI, docker, data version control, scikit- learn, git(version control), JSON, Jupyter Notebook, etc.*
- The user can select the news headline and the detector will indicate if the news is fake or legitimate.
- The project uses the Random Forest model(tree model) which is trained on the liar-liar dataset with ten thousand different news headlines and covers.
- To map the dataflow during training I have used Data Version Control. The model gives approximately 50% accuracy.

MedChat*(LINK) Tech Used - Python, Flask, Langchain, Pinecone, Large Language Model, HTML.*
- A chatbot which uses the llama2 model from Huggingface to give medical suggestions.
- This project is fine-tuned on medical books and provides vital information about any disease the user may require.
- This interactive chatbot is developed with the Flask framework for API endpoints.
- The user may also give any image to identify the disease and find the proper cure for the same.

CERTIFICATIONS

- **Machine Learning, Stanford University**
- **Python Certificate (Hackerrank)**
- **Machine Learning A-Z: AI, Python, R**