AYUSH **KUMAR**

+91 8306580118

https://ayush9h.github.io

Pune, Maharasthra, India

3rd Year **B.Tech** Undergrad

Specialization in Deep Learning, ML

EDUCATION

BML MUNJAL UNIVERSITY

Bachelor's Degree in Computer Science and
Engineering
2021 - Present

SPRINGDALES CHILDREN SCHOOL

High School Education(10+2)
2019-2021

SKILLS

Programming Languages

- C++
- Python
- Java(Intermediate)

Web Development

- HTML
- CSS
- REACT
- NEXT
- GSAP
- THREE
- BLENDER
- JS

Machine Learning

- Numpy
- Sci-kit
- Pandas
- Langchain
- keras
- Tensorflow

Backend Frameworks

- MongoDB
- SQL
- Node
- Express

CERTIFICATIONS

- Udemy's Machine Learning and AI By
  Kiril Elemenko and Hadelin de Ponteves.
- Udemy's Python and Machine Learning -
  Jose Portilla
- Udemy's React Native - Full Mobile App
  Dev Course **(Ongoing)**

EXTRA CURRICULAR

- Badminton
- 3d-Modelling in Blender
- Piano

PROFESSIONAL EXPERIENCE

SDE Summer Intern

Dolf. Finance | May 2023 - July 2023

- Created the python framework for the assistant "**BLOCKGPT**"
  with ChatGPT OPENAI api and using the latest LLM framework
  LangChain.
- Assistant is trained on the custom dataset which was obtained
  through websites like **Coin Gecko, CoinMarketCap.**
- **MongoDB** for storing and retrieving the chat history of the users
  based on their E-mail Id.

PROJECTS

01. FLIGHT DELAY PREDICTION SYSTEM

Machine Learning End Semester Project | Feb 2023 - Apr 2023

- System that predicts whether the flight will be delayed or not.
  The dataset is based on **NYC Flight History dataset** which is
  available on Kaggle.
- **Tech Stack**: Python, NumPy, Scikit, Streamlit
- Various models were evaluated including Logistic Regression,
  Naive Bayes etc. Their accuracies, f1_score, precision were all
  measured. The model used in this system is **Random Forest
  Classifier with accuracy of 87%.**

02. PURPLE AUDIENCE

Web Development End Semester Project | Oct 2022 - Dec 2022

- Mental health website made using **ReactJS, Express, Mongo and
  NodeJS.**
- Data handling of forms was done in MongoDB.
- Front End was made in ReactJS with routing using Browser
  Router and Express.JS

ACCOLADES

- HackHound 2K23 Domain Category Winner
- Secured 3rd in Ashoka University's Decipher-
  2k23
- Qualified Zonal Techfest-IIT Bombay
- 2 star at CodeChef