ASHUTOSH KUMAR

Software Engineering

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 https://github.com/AshuOPragmatikosThrylos

EDUCATION

Bangalore Institute of Technology
Bachelor of Engineering Computer Science

📅 2017 – Present   ♀ Bangalore, India

GPA - 8.48

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Don Bosco Senior Secondary School
Senior Secondary (Science)

📅 2016   ♀ Guwahati, India

Percentage= 92.6%

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Happy Child High School
High School

📅 2014   ♀ Guwahati, India

Percentage= 91.3%

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SKILLS & INTERESTS

C, C++, , Python, Java
HTML, CSS, Bootstrap
Handling APIs and JSON respones
Selenium (for scraping)
Django
Git
Image manipulation using OpenCV
Jupyter Notebook, Postman
GUI using tkinter
Data Structures & Algorithms
Operating Systems
DBMS
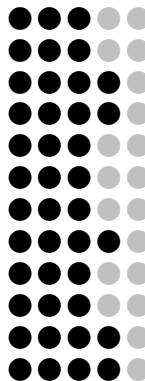
MAJOR PROJECTS

Dragon Real Estates
- Implemented a Machine Learning Model to make price predictions for a make-believe company incurring loss.
- Developed the skill to identify a ML problem.
- Compared the output from Decision Tree, Linear Regression and Random Forest Regression models to come up with the best model.

COVID 19 FAQ chatbot
- Implemented using RASA X and Python.
- Referenced CDC Corona FAQ.
- Integrated the chatbot with Telegram.

OTHER PROJECTS

Web Scraping Projects
- Scraped Flipkart for cell phones with price below Rs.20000
- Scraped Youtube for the trending videos with their view counts.
- Scraped OYO Rooms and fetched hotel names in order of their prices by taking location as input from user.
- Scraped restaurant names from Swiggy where 'SWIGGYIT' coupon can be applied

Image Crawler
- Used Selenium and Beautiful Soup libraries to download top 20 posts(only photos) from self account on Instagram & used OpenCV-Python haarcascade to count number of frontal-faces in each post.

API Handling projects
- Built weather app using openweathermap API to know the weather in a particular city
- Built IP location finder app using ipstack API to pinpoint a particualr IP Address
- Used Youtube Data API to count the subscribers and views count on self youtube channel
- Scraped MCU movie names along with dates from wikipedia and stored them in a file. Used the former file and omdb API to get ratings of each movie in another file

Text Utility Website
- Used Django to make A text utility website.It takes input from user and can perform utility functions such as removing new line,puntuations,extra spaces and converting the input to uppercase.

CO-CURRICULARS

Won Technovation event in our college fest