Paritosh **Tripathi**

MACHINE LEARNING ENGINEER · SOFTWARE DEVELOPER

India

☐ (+91)9759565817 | ✉ tripathiparitosh935@gmail.com | 🏠 www.paritoshtripathi.social | paritoshtripathi935 | paritosh-tripathi-social

"Be the change that you want to see in the world."

Education

B-Tech(Bennett University)   *Noida, India*

B-TECH. IN COMPUTER SCIENCE AND ENGINEERING   *Oct. 2020 - Aug. 2024*

- Courses: OOP in C++, Compilers, Algorithms, Operating Systems, Data Structures, DBMS, Data Analysis with Python, Data Mining and predictive modelling
- CGPA: 8 out of 10.

Skills

DevOps	AWS, Docker, Kubernetes, Kubeflow
Data Science	Web Scraping, Machine Learning, Deep learning, NLP
Libraries	Tensorflow, Keras, Scikit-learn, Pandas, Numpy, Selenium, Pygame, bs4
Back-end	Django, Node.js
Programming	Python, C++, C, Java, SQL, LaTeX
Languages	English, Hindi
Version Control	Git, Github

Experience

The One world   *Bangalore, India*

A.I AND ANALYTICS INTERN   *Dec. 2021 - May. 2022*

- building rest API to deploy M.L services using lambda and API gateway.
- Working on kuberflow to build a pipeline using docker and KFP sdk.
- Building Document Classifier Using BERT and RoBERTa
- Implemented several API microservices in python and in the serverless AWS Lambda functions.
- Deployed a video Recommendation system use REST API using AWS Personalize.

UFF foods   *Nagpur, India*

MACHINE LEARNING INTERN   *Aug. 2021 - Nov. 2021*

- Collected data of 1000 restaurants of zomato using selenium bot.)
- Wrote multiple python scripts for data collection. (200 lines per Script).
- worked on ETL (Extract, Transform and load) for NLP.

Projects

Mazer - The Game

GAME DEVELOPMENT   *Jan. 2021 - Feb. 2021*

- The game is inspired from the retro game like Pacman and one of the modern games like Among Us. The player is the reaper which is being chased by the mobs (called ghosts). Reaper must avoid the ghosts' direct contact and at the same time should attack the ghosts at the right time to score points.
- The main importance of making our project is to learn and implement our understanding of python and Pygame. Along with that the project management made us work like professionals working in a team and have a clear focus on what we want to make
- One of the needs of making this project is to also to learn how to use classes which not only makes the code shorter but also helps to organize the code in the cleaner way
- **Skills learned : Python**
- This is the link **Github**.

Aishika (A Cognitive Behavioral Therapy Bot)

MACHINE LEARNING   *Jan. 2022 - Feb. 2022*

- A. I with Cognitive Behavioral Therapy (CBT) and increase the access to mental healthcare especially In a country like India where we have very less regard for mental health also have very less mental health doctors.
- Building using python and methods used Neural Networks, Data Processing and Tkinter
- have a recommendation System and data has been collected by python scripts from various course providers.
- **Skills learned : Python, NLP, Neural Networks, tkinter**
- This is the link **Github**.

Savo (Ed tech platform for students)

DEVELOPMENT   *Nov. 2021 - PRESENT*

- Help students to compare the courses of multiple platforms by providing a ranked list
- Building using python, Django, HTML, CSS, JavaScript
- have a recommendation System and data has been collected by python scripts from various course providers.
- **Skills learned : Python, NLP, Django, HTML, CSS**
- This is the link **Github**.

Course Experience

Data Analysis with Python

FROM FREECODECAMP   *Jan. 2022 - Feb. 2022*

- 300 hours course with 5 projects have a look at the link.
- This is the link **certificate**.

Hackthons

| 2022 | **Finalist**, Automobile Hackthon by Mitsubishi Corporation and NEC | *India* |
| 2022 | **Cleared First Round**, Smart India Hackthon | *Mumbai, India* |

Writing

W2-DataScience   *Instagram Page*

FOUNDER & WRITER   *Aug. 2021 - PRESENT*

- Delivered content related to Data Science.

Drak   *Hashnode*

BLOGGER   *March. 2022 - PRESENT*

- Delivered detailed content and tutorials related to Data Science.

Program Committees

| 2022 | **Technical Head**, Data Science Club at Bennett University | *Noida, India* |