

Butta Rahul Aditya

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Education

Bachelor of Technology, Indian Institute of Information Technology, Pune ✎
CGPA: 7.18

09/2020 – present
Pune, India

Skills

Python

Pandas

Machine Learning (Supervised and Unsupervised Learning)

Natural Language Processing (SpaCy, Gensim, NLTK)

Computer Vision

Scikitlearn

React.js

Javascript

django

SQL

C/C++

HTML and CSS

Relevant Coursework

Robotics and Intelligent Systems

Operating Systems

Computer Networks

IOT

Professional Experience

Data Science Intern, YLYTIC ✎

11/2022 – 01/2023
Bangalore, India

- Structured the raw data and used preprocessing techniques to handle large datasets efficiently.
- Utilized a diverse range of machine learning models to develop algorithms for predicting user city/location.
- Analyzed text data using NLP techniques and produced statistical insights on products based on user comments data.

Frontend Development Intern, Profound ✎

05/2023 – 08/2023
Hyderabad, India

- Customized and tailored user interfaces for Banking applications, leveraging React.js, JavaScript, Material UI, and Formik to meet specific user needs.
- Coordinated with cross-functional teams to integrate front-end with the Django.

Projects

Query-Assist, a Tool to convert Natural Language Input into SQL queries. ✎

- An NLP model which can convert Natural Language verbal specifications into SQL queries and executes it on database.
- It makes databases accessible to for people who may not be familiar with specialized database software.
- Can assist business analysts and data scientists in querying and analysing large datasets without requiring them to have deep SQL expertise.
- Technologies Used: Python, Spacy, NLTK, Pandas, Gensim, speech_recognition, torch audio.
- won second prize for a technical paper on this project in a National Technical Paper Competition.
- Repository Link: <https://github.com/buttaRahul/Query-Assist> ✎

Postman Clone, *Postman clone using React.js and Material UI* [↗](#)

- Redesigned the Postman application to enhance the user experience for testing API requests, with improved query parameter handling, headers management, and JSON options.
- Technologies Used: Reactjs, Material UI, CSS, HTML, Javascript.
- Repository Link: <https://github.com/buttaRahul/postman-clone> [↗](#)

Road Sign Detection, *A DeepLearning model to detect Traffic Signs using YOLOv8* [↗](#)

- Can detect traffic Signs
- Technologies Used: Python, ultralytics, opencv, seaborn
- Achieved a Mean Average Precision(mAP) of 92.2 on Road Sign Dataset
- Colab Link: https://colab.research.google.com/drive/1vhLn8Q0Bd6Bnmf5IEkuZEqwF_kbG8YLe?usp=sharing [↗](#)

Todo App, *Todo List application using React.js and Django* [↗](#)

- Created a Todo list app that helps you keep track of your daily tasks.
- Technologies used: React.js, Django, Material UI
- Repository link: https://github.com/buttaRahul/full_stack_django_rest_react/tree/main/todo [↗](#)

Cryptocurrency Tracker, *A Web application for real-time tracking of cryptocurrencies.* [↗](#)

- Users can track the value of their holdings in real time, allowing them to make informed decisions about buying, selling, or holding assets.
- The application can provide users with real-time market data, price charts, and historical price trends.
- Technologies Used: React.js, Material UI, Reactchart.js, JavaScript, CSS, HTML, coingecko API.
- Repository Link: <https://github.com/buttaRahul/react-crypto-tracker> [↗](#)

Accomplishments

- Won 2nd prize in National Level Technical Paper Contest for **Query Assist Project** conducted by IETE.
- Notebooks Expert in Kaggle.
- solved 350+ problems in leetcode.
- 2566 Global Rank in Google Kickstart Round H [↗](#)
- Highest global rating of 920 in Kaggle Notebooks.
- AIR 5624 in codeKaze Coding competition [↗](#)
- Won Bronze medal in deal-no-deal @Esummit23 IIITP.

Certificates

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|---|---|--|---|
| • Natural Language Processing by DataCamp ↗ | • Data Manipulation with Pandas by DataCamp ↗ | • Advance React.js by Meta ↗ | • Front-end Development by Meta ↗ |
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Position of Responsibility

Web developer for Ecell IIIT Pune

Actively contributed to the creation of intuitive and user-friendly web pages for Esummit 2023 and Ideathon 2022 events.

Coding Profiles

Leetcode (https://leetcode.com/aditya_Rahul/) | **Kaggle** (<https://www.kaggle.com/adityarahul/code>)