

SUMMARY

Strong problem-solving and communication skills, with a keen eye for detail. Committed to staying up-to-date with the technologies and best practices. Adept at collaborating with cross functional teams to deliver exceptional solutions.

INTERNSHIPS

Data Science Intern

Dec '22 - Jun '23

Flip Robo Technologies

Remote

Online Internship in Flip Robo Technologies

- **Online Internship** in Flip Robo Technologies where, **assignments and problems** were given regarding to Data Science and Machine Learning also including **Python and Sql** on regular intervals.
- Did **Web Scraping** using BeautifulSoup.
- Assisted in **data preprocessing** tasks, including **data cleaning**, feature engineering, and handling **missing values**, using Python and Pandas.
- Assisted in the automation of **data extraction** and **preprocessing tasks** using Python scripts
- **Presented project** progress and findings to the data science team during regular meetings and contributed to discussions on **model selection** and **optimization strategies**.
- Actively participated in team **brainstorming sessions**, contributing innovative ideas for **improving data analysis** and **visualization techniques**.
- Continuously updated and improved knowledge of **data science tools and techniques** through online courses and self-study.
- **GitHub Repo Link that contains all the work done in the internship** : [Internship GitHub Link](#)

PROFESSIONAL EXPERIENCE

Sr. Project Technical Assistant

Nov '21 - Present

IIT Bombay

New Delhi

Front End Developer for Indian Culture Portal(<https://indianculture.gov.in/>) by Ministry of Culture managed by IIT Bombay.

- **Developed** ongoing programs using good team communication and collaboration
- **Excelled** goals through effective prioritization and consistent work ethic
- **Devised schedule** using **excellent planning** and coordination skills and created plans and communicated deadlines to complete projects on time
- **Surpassed** goals through effective prioritization and consistent work ethic
- **Directed & Undertook** additional tasks to aid team success while also troubleshooting problems and diagnosed system faults
- **Designed** new functionalities by **researching** and trying different ways around the web

PROJECTS

PRYAS

Sep '20 - May '21

Graduation Final Year Project with Research Paper Published

Final year project(Research Paper Published) made using HTML, CSS, PHP & MySQL and JavaScript in which organizations, schools and colleges can organize competitions and students from other states can also participate in them, it also includes test section for students in which teachers from different schools and colleges can upload sample tests and students can solve them.

Crime in India

Jun '23 - Jul '23

It is a Capstone Project that is completed in four phases

1. Collection of data via different websites/sources.
2. State/UT wise analysis on the collected data.
 - 2.1 Analysis of: Literacy Rate vs Total Crimes, Type of Crime vs Each state vs Literacy Rate, Year-on-year total crime rate, Area vs overall crime.
3. Sql operations to characterize the districts that appear 3 or more than 3 years and printing the

corresponding state/ut, district, murders and year in descending order.

4.Unsupervised ML(Clustering Technique) to create different clusters for Sensitive, Moderate and Peaceful Areas and creation of dataframe for each cluster.

Github Link: [Capstone Github Link](#)

KEY SKILLS

Python, Numpy & Pandas

MySQL/SQL Database

Data Analysis, Performance Analysis and Quantitative Analysis

Reports Summarizing Analysis Results

Data Visualization Techniques & Models

Git

Statistical Methods, Modeling & Modeling Techniques

Problem Solving Skills

Data Visualization, Manipulation and Mining Techniques

Machine Learning Techniques

HTML5, CSS3 and PHP

EDUCATION

B Tech (Computer Science and Engineering)	Aug '17 - Sep '21
Dronacharya Group of Institutions	Greater Noida
PG Program in Data Science, Machine Learning	Jul '22 - Sep '23
Data Trained	Remote

- Python & Sql
- Data Distributions, Hypothesis Testing, Sample Data and Population Data, Regression Analysis in Statistics
- Numpy and Pandas, Linear Regression, Logistic Regression, Decision Tree, Ensemble Techniques, Time Complexity in Machine Learning
- NLKT library in Natural Language Processing
- Convolutional Neural Network and Recurrent Neural Network in Deep Learning

Certifications & Achievements

- Research Paper titled 'Pryas' has been published in IJARESM, Impact Factor: 7.429, Volume 9 Issue 6, June- 2021
- NCAT 2020 AIR 36
- Certification in JAVA and TOC through NPTEL and Core Java from INCAPP
- Certification in Python, C, PHP, JAVASCRIPT, CSS, BOOTSTRAP, HTML through Udemy Online Learning Courses
- Applied Statistics for Data Science and Analytics, SQL for data Science, Python for Data Science, Data Wrangling and Visualization using Python, Applied Machine Learning using Python

CO-CURRICULAR ACTIVITIES

- One of the representative for Indian Culture Portal at International Museum Expo 2023
- One of the representative for Indian Culture Portal at Festival of Libraries(FOL) 2023