

BISWAJIT BASAK

Computer Science
Graduate | AI ML
Enthusiast | Pythoneer



ABOUT ME

I am an Engineering Graduate. I pursued my Bachelor's Degree in Computer Science. I am passionate about coding and machine learning. I am always enthusiastic about new technologies and eager to learn new skills and broaden my knowledge. In my spare time, I make videos on YouTube. Traveling and exploring places is also a part of my life.

PROFILE

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WHY ME ?

1. I am proficient in Python Programming and its paradigms like Object-Oriented Paradigm, Functional Paradigm, and Procedural Paradigm. (Pythoning for 5 Years)
2. I have good experience in various Data Preprocessing and Visualization libraries like Numpy, Pandas, Matplotlib, Seaborn, Klib, and Plotly.
3. I have a detailed understanding of the working of Machine Learning Algorithms like Regression and Classification Models, Ensemble Techniques, and Clustering.
4. I use the Flask Framework in Python for my Projects.
5. I use GIT for Version Controlling of my Projects.
6. I deploy all my Built Projects on Cloud Platforms.
7. Comfortable with Linux Distributions (Ubuntu, Debian, Arch etc)

EDUCATION

From 09/2015 To 05/2019 (4 Years)	B. TECH IN COMPUTER SCIENCE AND ENGINEERING <i>Ramaiah University of Applied Sciences, Bangalore</i> CGPA: 7.73
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EXPERIENCE

From 10/2019 To 03/2021 (1 Year 6 Months)	PROJECT ENGINEER Wipro, Chennai Completed Multiple Trainings and got Certified. Completed TopCoder Assignments.
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CERTIFICATES

From 09/2017 To 09/2017 (2 Days)	IOT USING ARDUINO Bangalore Certificate Link
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PROJECTS

From 09/2021 To 09/2021	INCOME PREDICTION USING XGBOOST ALGORITHM Built using the Flask Framework, this webpage takes in user details such as age, workclass etc, and tries to predict whether the person earns more than 50K per month or less. This project is Deployed on Heroku Cloud Platform.
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[Project Deployment Link](#)

From 09/2021 To 09/2021	BOSTON HOUSING PRICE PREDICTION USING RANDOM FOREST The Project uses Bagging Ensemble Machine Learning Technique to predict the Boston House Prices. This is a Regression Problem. It takes some necessary data for the prediction and is able to predict prices based upon the provided data. This Project is created using the Flask Framework and is deployed on Heroku Cloud Platform.
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[Project Deployment Link](#)

From
03/2020
To
04/2020
(2
Months)

**MACHINE
LEARNING
CERTIFICATE
FROM
365DATASCIENCE**
Online

Completed
Multiple
certifications on
Python, Statistics,
Mathematics,
Deep Learning etc.
[Certificate Link](#)

From
01/2020
To
01/2020
(2
Months)

**AI ML
CERTIFICATION
FROM WIPRO**
Online

Completed AI ML
Certification from
Wipro, which
included Python
Programming
assignments and
Machine Learning
Assignments
[Certificate Link](#)

SKILLS/INTERESTS

SKILLS

1. Python Programming
2. Machine Learning
3. Flask Framework
4. MongoDB
5. SQL

INTERESTS

1. Programming
2. Gaming
3. Making Videos
4. Exploring New Places

From
08/2021
To
08/2021

**TITANIC SURVIVAL
PREDICTION USING
DECISION TREE
ALGORITHM**

This project is built by analyzing the titanic dataset. The machine learning model can predict if a passenger survived the Historic Titanic Incident provided some of the passenger details. Flask framework with the help of Decision Tree is used to Built the Model. and the model is deployed on Heroku Cloud Platform.

[Project Deployment Link](#)

From
08/2021
To
08/2021

**RED WINE QUALITY
PREDICTION USING
DECISION TREE
ALGORITHM**

This Machine Learning Model is able to assign a quality score to the Red Wine based upon the properties/composition of the Wine. It is built using the Flask Framework and deployed on Heroku Cloud Platform.

[Project Deployment Link](#)

6. HTML

7. CSS

8. Bootstrap

9. Git/Github

10. Linux

Familiarity

From
07/2021
To
07/2021

WOMAN AFFAIR CLASSIFICATION USING LOGISTIC REGRESSION

A Webpage that takes in all the required details of a Woman and is able to predict whether the woman has any affair or not. This project is built using the Flask Framework, it uses the Logistic Regression Algorithm. And this is deployed on Heroku Cloud Platform.

[Project Deployment Link](#)

From
07/2021
To
07/2021

BOSTON HOUSING PRICE PREDICTION USING LINEAR REGRESSION

The Project uses the classical Linear Regression Model to predict the Boston House Prices. The Housing Details are provided to the algorithm and the algorithm is able to predict the Housing Prices. This Project is created using the Flask Framework and is deployed on Heroku Cloud Platform.

[Project Deployment Link](#)

From
06/2021
To
06/2021

WEBCAPPER BUILT USING PYTHON'S FLASK FRAMEWORK USING SELENIUM

This web scapper scraps data from MonsterIndia website. It scraps all the Job related details. Built using Selenium and integrated with MongoDB.

From
06/2021
To
06/2021

WEBCRAPPER BUILT USING PYTHON'S FLASK FRAMEWORK

This is a Web Scrapper built using Python and Flask Framework. It scraps Flipkart's website and shows all the user names, reviews, ratings, and descriptions given by that user. This program is deployed in Heroku Platform.

[Project Deployment Link](#)

From
02/2019
To
05/2019

ANALYSIS OF TRIVIAL AND BIO-INSPIRED ALGORITHMS

Bangalore

To design and analyse the performance of various bio-inspired algorithms and compare them with trivial algorithms to solve real world issues of wireless sensor networks.

[Documentation Link](#)

From
02/2018
To
05/2018

**DESIGN AND
DEVELOPMENT OF
AN APPLICATION
FOR ELECTION
ANALYSIS AND
VOTING**

Bangalore

An app that is designed and built in android studio, which provides all the details of the political parties, leaders and current political news. Through this app, the registered user can also cast their vote. The development of the app required knowledge of web development skills such as HTML, CSS, XML and PHP. Also the skills for android studio was required.

[Documentation Link](#)

From
09/2017
To
09/2017

**MONITOR
TEMPERATURE
USING IOT DEVICES**
Bangalore

IoT using Adreno to measure live temperature of the ambient atmosphere using temperature sensors and to transfer the sensed data and plot it in the hosting website as a graph for data analysis. The knowledge of adreno board, temperature sensors and bread board are required as a pre-requisite.