



DIPTO BISWAS

Contact Info

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LinkedIn GitHub

Portfolio Website

Technologies

- Python, Flask, Django, etc.
- HTML, CSS, JS, Bootstrap
- Express JS, React JS, Node JS
- SQL, Pandas, MongoDB
- Matplotlib, Seaborn, Chart JS
- Beautiful Soup, scikit-learn
- PowerShell, IIS, AWS

Technical Interests

- Blockchain, Web3, DeFi, etc.
- Machine Learning, AI, etc.
- Scale & Marketing
- Digital Graphics

Hobbies

- Reading Books, Articles
- Listening Podcasts
- Singing & Playing Music
- Making Code Vlogs

Summary

Software developer with 2.5 years of experience. Working in Full Stack development. Skilled in Python, Flask, HTML, CSS, JS, React JS, Node JS, Express JS, Data Analysis, Data Visualization, Web Scraping, Machine Learning, SQL, MongoDB, etc. Always interested to learn new Tech.

Work Experience & Projects

- Working in *Capgemini* from September, 2020 till now (Designation while joining – **Senior Analyst**, Designation now – **Associate Consultant**)
- Built a *Web App* to display charts, based on *real-time data* as well as *static data* collected from SharePoint Lists, Database, csv files, etc. Part of data is obtained by *Web Scraping* using *BeautifulSoup* from SP lists. Part of data is obtained by running *PowerShell* scripts. Used *Python (Flask)* to build user login, authentication and backend. Used *Python (Pandas)* for *Data Analysis*. Data has been converted to *DataFrame*, *Group By*, and other methods were used. Modified data is then stored as a *JSON* object, in an *API*. Used *JS library Chart JS* for *Data Visualization*. The App is deployed using *Microsoft IIS*. The Website gives a bird's-eye view of the daily, monthly & yearly usage of some SharePoint sites used by internal users and some Clients.
- JS apps I made & still making as hobby. Link: [JS Apps](#)

Achievements

- Got H1 Changemaker award in 2022 from Office for *Innovative Thinking & Process Optimization*
- Achieved 4 Stars in HackerRank in *SQL* and *Data Structures & Algorithms* code

Skills

- Skilled in building Backend using Python (Flask) & Node JS, understanding of Django and other Python Frameworks, HTTP protocol, REST API, Postman, etc.
- Skilled in Data Analysis (Pandas), DataFrame, Data cleaning, Preprocessing, etc.
- Skilled in many Python libraries like NumPy, Pillow, OpenCV, Requests, etc.
- Understanding of Databases, skilled in writing SQL queries
- Skilled in solving Data Structures & Algorithms problems
- Skilled in building Frontend using HTML, CSS, JS, Bootstrap, etc.
- Skilled in React JS, Hooks, useState, useEffect, Context API, React Router
- Skilled in Object-oriented Programming, writing clean precise code
- Understanding of Java, .NET code, basic Cloud concepts in AWS, and Azure
- Understanding of PowerShell script & command prompt

Education

- Graduated from *Jadavpur University* in Civil Engineering with 1st Class, CGPA – 7.47, marks – 67.67%, in 2020
- Passed Higher Secondary Examination from *Barrackpore Govt. High School* with 91% marks in 2016
- Passed Secondary Examination from *Ramakrishna Mission, Rahara* with 83% marks in 2014