Shubham Bhadra

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SUMMARY

I am a Btech fresher with a strong interest in data science, machine learning, and web development..
I have always been fascinated by the potential of technology to solve real-world problems and improve people's lives. That is what drew me to data science, machine learning, and web development. I am excited about the opportunity to work in these fields and make a positive impact through my work.

PROFESSIONAL EXPERIENCE

IT DEPARTMENT KJSCE, MUMBAI   1/7/2022 – 30/11/ 2022
Research and Development Intern

- Researched about different types of EEG signals. Learn about EEG analysis to gain a better understanding of the brain signals.

- As part of my work was researching and implementing ML learning models on EEG data, I gained hands-on experience designing and implementing these types of models.

- I was part of a team that created the initial version of a model to analyze data and identify abnormalities in patients. This project was challenging and required a combination of technical abilities and knowledge of brain signals. My duties included creating the data preprocessing, and developing the content and logic for the model's implementation.

BUDDHA EDUCATION ASSOCIATION   1/11/2021 –20/01/ 2022
Development and ML Intern

- As part of my job, I extracted data from a website using beautifulSoup and Selenium and built a recommendation system based on the information gathered by the team.

- I gained hands-on experience in data extraction and implementing these different types of models.

IT DEPARTMENT KJSCE, MUMBAI   22/10/2020 - 23/01/2021
Data Scientist Intern

- As part of a project, I was responsible for cleaning and preparing data on COVID-19 patients provided by a local hospital. In this case, the data provided by the hospital was in a raw and unstructured form, and it was my responsibility to organize and format the data in a way that would allow for analysis and insights to be extracted. This involved tasks such as correcting errors in the data, filling in missing values, and standardizing the data to a consistent format.

- As part of my work, I utilized exploratory data analysis techniques to identify patterns, relationships, and trends in data. To do this, I used a variety of tools and techniques, such as visualizing data using plots and graphs, calculating summary statistics, and performing statistical tests to identify significant patterns or trends

DBUG TECHNICALS, MUMBAI   13/7/2020 – 31 /08/2020
Content Writer Intern

- As part of my work, I was assigned the task of creating Instagram posts for a page on a daily basis using various tools like Canva and Illustrator.
- Consulted with clients and art directors regarding all visual content.
- Learned about consumer appeal and how to serve consumers and get their attention while marketing the product.

EDUCATION

K.J. SOMAIYA COLLEGE OF ENGINEERING   2023
Bachelor of Technology in Information Technology
GPA: 8.6/10

K.J. SOMAIYA COLLEGE OF SCIENCE AND COMMERCE   2019
XII in PCM (Physics, Chemistry, Mathematics) HSC
Percentage: 75%

S.V.D.D   2017
X SSC
Percentage: 89%

SKILLS

- Proficient in using Python and its modules, including pandas, numpy, sklearn, keras, tensorflow, and matplotlib.
- Frameworks - Django, ReactJS
- Languages - JavaScript, C, HTML, CSS, SQL
- Efficient in the field of Data science and Machine Learning
- Proficient in SQL and have experience of using SQLLite , MySQL
- Tools Known – Excel, Figma , Illustrator , Canva

PROJECTS

- **Developed a mood recommendation music system for a semester mini project (2022)**

  This project involved creating a system that could recommend music to users based on their current mood. We were responsible for designing and implementing the recommendation system, as well as integrating machine learning techniques to analyse and understand user moods. We used Spotify API for generating songs dataset, Machine learning libraries of python for model development and Django for website development.

- **Created a Hotel booking web app using HTML, CSS, JS and PHP.**

  This website is used to reserve hotel rooms in four major cities: Mum, Delhi, Hyderabad, and Ooty.

- **Finance Master**

  In this project, I built a full-stack Finance Dashboard App using the MERN (MongoDB, Express.js, React, Node.js) stack, along with various other technologies such as Typescript, Material-UI, and Machine Learning algorithms. The app allows users to visualize their financial data through interactive charts, and also provides predictive insights using ML algorithms. I also implemented user authentication, data storage and retrieval using MongoDB. Through this project, I gained experience in developing scalable and interactive full-stack web applications.

COURSES AND CERTIFICATION

- UDEMY: The Complete 2020 Web Development Bootcamp (2020) - Completed
- UDEMY: Machine Learning A-Z™: Hands-On Python & R In Data Science (2021) - Completed
- Internshala Trainings: Deep Learning (2021) - Completed