Amit Chaturvedi

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EDUCATION

Bachelor of Technology
Arya College of Engineering and Research Center

03/2022   *Jaipur*

Courses
- Computer Science

12th Standard
The Study Sr. Sec. School

05/2016   *Udaipur*

10th Standard
Central Academy Sr. Sec. School

05/2014   *Udaipur*

WORK EXPERIENCE

Software Engineer Intern
E-Connect Solutions Pvt. Ltd.

06/2019 - 07/2019   *Udaipur*

Achievements/Tasks
- Worked on Software Testing and Implementation on project called E-Preshashan
- Worked on the overhaul and consolidation of internal applications to incorporate latest features and design elements

Web Developer Intern
Travelenz

12/2017 - 05/2018   *Jaipur*

Achievements/Tasks
- Designed and Maintain the web page for Travelenz website using **HTML5** and **CSS3.**
- Fixed bugs and added minor fuctionalities to the front-end.
- Worked with a variety of environments and languages, learned required skills on the fly.

CERTIFICATES

Python for Everybody Specialization by University of Michigan(Coursera) (02/2020) ↗

Python Data Structures by University of Michigan(Coursera) (03/2020) ↗

Data Science Professional Course by IBM(Coursera) (07/2020) ↗

SKILLS

Python   CPP   C   HTML&CSS   Javascript

MySQL   SQLite   Jupyter Notebook

Data Structures & Algorithm

PERSONAL PROJECTS

Zomato Restaurant Data Analysis
- Tech used: **Python's Pandas, NumPy, Glob libraries, Jupyter Notebook**
- Visualized the dataset from Zomato **API** which contain Name, City, Price, etc. of the restaurant fentched from **Kaggle** in the form of **.json** files stored in **CSV** file using **Jupyter Notebook and Python Programming**
- This analysis useful for foodies who want to taste the best cuisines and find value for money restaurant from every part of the world which lies in their budget
- This analysis is also helpful for new restaurant owners in deciding theme, menus, cuisine, cost etc for a particular location

Bus Schedule and Route WebApp
- Tech used: **HTML5, CSS3, JS, React**
- Developed a WebApp for my College in which students can know schedule and route of college bus for transportation
- This WebApp also provides schedule, route and timings of local city buses and private commercial travellers and buses
- Added car-pool feature in which two or more people going to same location can contact to each and car-pool

Real-Time Human Face Detection
- Tech used: **Python, OpenCV, Machine Learning**
- developed real-time human face detection in **Python** using **OpenCV**. The objective of the program given is to detect object of interest(face) in real time and to keep tracking of the same object.
- locate and visualize the faces using **Machine Learning** models in any digital image.
- Face detection using **Haar cascades, Machine Learning** approach where the model is trained with a set of input data.

Convert PDF File Text to Audio Speech using Python
- Tech used: **Python's pyttsx3 and PyPDF2** library
- Convert PDF file text to audio speech by using **python library** to read a PDF that is converting a textual PDF file into Audio.

ACHIEVEMENTS

Achieved 4-star Rating in Python Problem Solving on popular coding platform HackerRank ↗

Got 2nd position in Tech quiz in JECRC Hackathon