PRATHAMESH KULKARNI

GitHub : github.com/prathamesh-k-01, Mobile: +91-9137908651

LinkedIn: https://www.linkedin.com/in/prathamesh-kulkarni/ Email Id: prathamesh.kulkarni20@vit.edu.in

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EDUCATION:

Qualification	Institute	Scores	Year of Passing
Bachelor of Engineering- Computer Engineering	Vidyalankar Institute of Technology, Mumbai	CGPA – 9.52 (till semester 6)	2020-2024
Higher Secondary Certificate (HSC)	Pace Science Junior College, Thane	89.09%	2019-2020
Central Board of Secondary Education CBSE	B.K Birla Public School, Kalyan	91.2%	2017-2018

ACHIEVEMENTS:

- **Smart India Hackathon 2022 Finalist Software Edition**. (Team of 6)
- 2nd in UI/UX design competition held across Mumbai University (Team of 2)
- Codeforces Contest Rating 1034

Skill Set:

- Python, SQL, Object Oriented Programming, MongoDB, Firebase, MySQL, Artificial Intelligence, Machine Learning, Linear Regression, Logistic Regression, NumPy, Pandas, Scikit-learn, Clustering, Flask, Django, APIs, HTML, CSS, C++, Operating Systems, Database Design, NOSQL, Telegram API, AWS Lex, Kaggle.

ACADEMIC PROJECTS:

Attendance Using Face Detection: **February 2022 - August 2022**

- Attendance system using **face detection** was inspired by the problem statement in the **Smart India Hackathon 2022**
- Machine learning model for face detection with **87% accuracy** was built during the project development. Har cascade and frontal face detection algorithms were used.
- Tech Stack : **Python**, Tkinter, **object-oriented approach**, **Machine Leaning**, **Firebase**, **MySQL**.

Sudarshan Class Project: (GitHub)   *March 2022 – May 2022*

- A class website was created to facilitate CRUD operations and store information about students, teachers, and admin.
- It features a login page for students, teachers, and admin with access to course enrollment, fee details, class timetables, and personal exam information.Tech Stack: Frontend: **HTML, CSS, JavaScript** . Backend: Django- **Python, SQLite, Jinja**

Personal Voice Assistant: (GitHub)   *Sept 2021- Nov 2021*

- Developed a personalized voice assistant capable of providing **news updates**, factual information, and performing mathematical operations Personal Voice assistant is used by everyone today.
- Implemented functionalities using Python and leveraged **APIs** for retrieving news articles, **accessing databases for facts**, and executing mathematical calculations. Tech Stack : **Python**, TensorFlow, **Python Text to Speech** (pyttsx3), **PyAudio**.

Airline Customer Churn: *February 2023*

- Developing the **Business Questions**, **preprocessing data**, **Exploratory Data Analysis**, **Sentiment analysis**, **Actionable insights**.
- The models used in this project are: **Multi-variable Linear Regression, SVM, Application rule mining.**
- **Python, Pandas, NumPy, Sklearn, matplotlib.**

ACTIVITIES:

- **Technical Head** at **Computer Society of India VIT chapter**. 2022-23
- Conducted **Technical Events** based on **Web development and Machine Learning** through CSI-VIT
- Conducted **Workshop** on **Machine Learning and Automation & Scripting** for **200+ students** through CSI-VIT
- Technical Core in Google Developer Students Club 2021-22