





HARSHAL KAKAIYA


Python Developer


 harshalkakaiya61@gmail.com


 +91 95375-93120

 Surat, India - 395004

 My Portfolio

 harshalk612


 harshalkakaiya

 harshal.61

PROFILE

Seeking an entry-level position to develop and expand the technical expertise that I have acquired over the past **four years**. I won the campus quiz competition while earning a B.Engr degree with an **Information Technology** concentration. My goal is to make use of my technological abilities for some **fruitful** things in my life. **Tech Enthusiast** willing to tackle any task with attention to detail while simultaneously positively impacting society.

PROFESSIONAL EXPERIENCE

01/2023 – 07/2023 Surat, India	Machine Learning Training <i>TOPS Technologies</i>  <ul style="list-style-type: none">Understood the core concepts of Python and Machine Learning.Assisted and collaborated with other developers in data collection, analysis and many other important phases.Developed and implemented machine learning algorithms to understand daily life problems.Learned important modules of Python such as Seaborn, Matplotlib, sklearn, pandas, numpy, etc.Assisted in model evaluation and validation, including cross-validation, hyperparameter tuning, and model selection to optimize model performance.
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EDUCATION

07/2019 – 06/2023	BE Information Technology <i>Sarvajanik College of Engineering & Technology</i>
06/2017 – 07/2019	12th Boards PCM GSEB <i>P.P. Savani Chaitanya Vidhya Sankul</i>
07/2016 – 05/2017	10th Boards GSEB <i>Gajera Vidhyabhavan</i>

TECHNICAL STACK

Data Science Python, Data Visualization, Exploratory Data Analysis, Feature Engineering, Machine Learning	Mathematics for ML & DL Linear Algebra, Calculus, Statistics, Probability
Python Packages & Frameworks Numpy, Pandas, Matplotlib, Seaborn	Web Development HTML, CSS, Javascript, Flask, Django
Databases MySQL, MongoDB	Cloud Deployment & Containers Netlify, Git & GitHub

PROJECTS

06/2022 – 07/2022

Virtual Assistant using Python

- Developed using Python and libraries like **Speech Recognition, PyWhatKIT, PyTTSX3, Ecapture, Winshell, AppOpener, etc.**
- Customized to work even though there is **no internet** available at that moment.
- Developed to perform **20 tasks** just by giving voice commands through a Microphone that includes:
- **Searching for weather, playing a particular song on youtube, capturing photos, sending Whatsapp messages, etc.**

10/2022 – 11/2022

RFM Analysis for Customer Segmentation

- Segmentation of Business customers based on 3 main criterias: **Recency, Frequency, Monetary.**
- Developed using Python and libraries like **Seaborn, Matplotlib, Squarify and many more.**
- Plotted **multiple graphs** for a better understanding of the underlying data related to a business.
- Make different strategies for different types of **consumers** based on the **findings of this project.**

CERTIFICATES

Fundamentals of Python

Great Learning

Pandas Course

Kaggle

ACHIEVEMENTS

Achieved 1st Position in IT Quiz at College Fest

2022

Vounteered Hackathon India at National Level

2020

Led a team as event head at Codathon

2021

SOFT SKILLS

Communication Skills

Time Management

Project Management

Flexibility