

# Vishal khomane

Data Science | Machine Learning

AI and Data Science enthusiast with practical experience in machine learning, deep learning, and generative AI. Proficient in creating predictive models and data preprocessing using Python, TensorFlow, and NLP technologies.



✉ vishalkhomane2010@gmail.com

📍 Pune, India

🐙 github.com/vishal1797

📞 8308061797

🌐 linkedin.com/in/vishalkhomane

📄 medium.com/@vishalkhomane1

## EDUCATION

### BE (Artificial Intelligence and Data Science)

AISSMS IOIT Pune

01/2020 - 05/2024

9.30

### HSC(Science)

Tuljaram Chaturchand College, Baramati

07/2017 - 02/2019

70.46

## WORK EXPERIENCE

### AI Intern

GAO Tech inc

05/2024 - Present

*Achievements/Tasks*

- Preprocessed data to prepare it for model training.
- Developed machine learning models for tasks such as regression and classification.
- Received training in generative AI techniques.

### Data Science and Machine Learning

TCR Innovation

02/2023 - 05/2023

*Achievements/Tasks*

- Proficiently developed machine learning models, specializing in regression and classification techniques.
- Executed the complete data science lifecycle, including data cleaning, analysis, visualization, and model construction.
- Produced effective predictive models employing a diverse array of machine learning algorithms.

### Data Analyst Intern

Virtuthink.Pvt.Ltd

08/2022 - 10/2022

*Digital Marketing Startup*

*Achievements/Tasks*

- Primary responsibility is to process and analyze the data using various techniques and tools.
- Analyzing the data to identify patterns, trends, insights and creating visualizations and reports.
- I have to work on the different tools like powerBI, Tableau that help to better visualize the data.

## SKILLS

Python

R

SQL

PowerBI

Excel

Machine Learning

MLflow

Computer Vision

OpenCV

Keras

Tensorflow

GIT and Github

Natural Language Processing

Statistics

DBMS

Flask

Deep Learning

Transfer Learning

MySQL

Scikit-Learn

Data analysis

Data Visualization

Feature Engineering

## PERSONAL PROJECTS

### Enhanced Age Progression and Facial Reconstruction for Locating Missing Children using GAN. [🔗](#)

- Developed a novel application utilizing Generative Adversarial Networks (GANs) to enhance age progression and facial reconstruction techniques.
- Aimed to aid in locating missing children by generating accurate age-progressed images based on original photos.
- Technologies Used: - Python, Pytorch, Transfer Learning – VGG19, AutoEncoders, Generative AI – GAN, Gradio, Computer Vision.

### Text Summarizer using Pegasus Model. [🔗](#)

- The project aimed to automatically generate concise summaries of long documents or articles. Leveraging the power of Pegasus, the model was fine-tuned on a dataset of articles from various domains.
- Technologies Used: - Python, Hugging Face Transformers Library, Natural Language Processing, Machine Learning, Flask.

### Binary prediction of smoker using bio signals [🔗](#)

- This project is the part of Kaggle competition aiming to predict whether an individual is a smoker or not based on bio signals.
- Technologies Used: - Python, Sklearn, Random Forest, Flask.

## CERTIFICATES

### BCG - Data Science and Analytics

*Course by Forage*

### Machine Learning Foundation

*Certificate by ALTERYX*

### AWS Academy Cloud Foundations

*Certificate by AWS Academy*

### Accenture - Artificial Intelligence

*Course by Forage*