Abhishek Vidhate

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Pune

EDUCATION

B.Tech, Computer Science & Engineering

VIT Bhopal University

2021 - 2025

Senior Secondary (XII)

Sarosh Junior College

(MAHARASHTRA STATE BOARD OF SECONDARY AND HIGHER SECONDARY EDUCATION board)

Year of completion: 2021

Percentage: 93.42%

Secondary (X)

Stepping Stones High School, Aurangabad

(CBSE board)

Year of completion: 2019

Percentage: 93.44%

TRAININGS

Machine Learning Engineering For Production (MLOps) Specialization

Deeplearning.ai (Coursera), Online

Jan 2024 - Feb 2024

https://coursera.org/share/03f3a8576e983222b93fe5c5f409b405

In this course, I prioritized data-centric development in machine learning, emphasizing the importance of data quality over model complexity. With hands-on training, I mastered the TensorFlow Extended (TFX) ecosystem for MLOps engineering. This included TFX components like TensorFlow Data Validation (TFDV), Transform (TFT), and Model Analysis (TFMA) for data preprocessing, feature engineering, and model evaluation. I learned to integrating CI/CD, versioning, and model monitoring. This expertise equips me to deploy scalable ML solutions effectively, ensuring reliability and performance in real-world applications.

Machine Learning

Smartinternz, Online

Aug 2023 - Nov 2023

Hands-on experience in building real-world ML applications ExternShip program. I had opportunities to collabrate on creating Car Purchase prize prediction ML applications with other creative minds like me.

PROJECTS

Data Analysis AI Assistant

May 2024 - May 2024

https://abhishekvidhate-analyst-appapp-1c90ki.streamlit.app/

This LLM powered AI application effortlessly automates all the tasks such as data cleaning, preprocessing, and even complex operations like identifying target objects, partitioning test sets, and selecting the best-fit models based on your data. With Streamline Analyst, results visualization and evaluation become seamless.

Here's how it simplifies your workflow: just select your data file, pick an analysis mode, and hit start. Streamline Analyst aims to expedite the data analysis process, making it accessible to all, regardless of their expertise in data analysis. It's built to empower users to process data and achieve high-quality visualizations with unparalleled efficiency, and to execute high-performance modeling with the best strategies

LLM implementation from scratch

Feb 2024 - Mar 2024

https://github.com/Abhishekvidhate/LLM-implementation-from-scratch/tree/main

The purpose of this project is to understand and learn the core concepts and basics of working with GPT-based language models. It involves data extraction from the OpenWebText dataset, training a GPT model, and creating an interactive chatbot interface for users to engage in conversation.

Scikit-Learn Assistant Web Extension

Mar 2024 - Present

https://github.com/Abhishekvidhate/Scikit-Learn-Assistant_Web_Extension.git

(development in progress...)
Scikit-learn Assistant: Developing an interactive web extension leveraging scikit-learn library to provide real-time guidance and code assistance for machine learning tasks.
Integrated advanced features such as MLflow for model monitoring and retraining, and RAG for dynamic content generation. Enhanced learning experience for beginners in ML by streamlining the process of understanding and applying scikit-learn functions and parameters.
#MachineLearning #Python #MLops #RAG #LLMops #LLM #MLflow

Machine Learning
Advanced

Data Science
Advanced

Python
Advanced

Data Analytics
Advanced

GitHub
Intermediate

Data Structures
Intermediate

Deep Learning
Advanced

Natural Language Processing (NLP)
Intermediate

Neural Networks
Intermediate

DevOps
Intermediate

Data Analysis
Intermediate

MS-Excel
Advanced

MS-Word
Advanced

MS-PowerPoint
Advanced

English Proficiency (Spoken)
Advanced

English Proficiency (Written)
Advanced

HTML&CSS
Intermediate

HTML
Intermediate

CSS
Intermediate

WORK SAMPLES

GitHub profile
https://github.com/Abhishekvidhate

Other portfolio link
https://abhishekvidhate-analyst-appapp-1c90ki.streamlit.app/