

Aliraza Panjwani

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Profile

Experienced Machine Learning Engineer with expertise in Deep Learning, Computer Vision, YOLO, NLP, and GPT Integration. Proven track record of 2 years in developing and deploying AI solutions. Strong analytical skills and a passion for solving complex problems.

Experience

AI/ML ENGINEER | INFERENZ PVT LTD | JAN 2023 - PRESENT

- Proficiently gathered data and applied advanced analytics techniques for improved results.
- Developed a YOLO-V8 model for cloth attributes classification from images.
- Successfully built a personalized chatbot integrated with OpenAI's GPT.

DATA SCIENTIST | DEPARTMENT OF SCIENCE AND TECHNOLOGY | JUL 2022 - DEC 2022

- Collaborated on a project with ISRO and the Gujarat university for water quality detection from images.
- Utilized Computer Vision and Deep Learning models for classifications.
- Created a user and admin web portal using Django.

Project

LEAD DEVELOPER | AUTOMATED DROPSHIPPING ASSISTANT | APR 2023 - PRESENT

- Developed software that extracts data from two ecommerce sites and multiple tracking sites. After preprocessing the data, it offers an automated Exploratory Data Analysis (EDA).

AI/ML DEVELOPER | EQUITY STOCK PRICE PREDICTER | DEC 2021 - JUN 2022

- Leveraged LSTM for stock price prediction, capitalizing on its ability to capture market dynamics while recognizing computational demands and inherent market unpredictability.

Education

M.SC. AI & ML | ROLLWALA, DCS, GUJARAT UNIVERSITY | AUG 2021 - JUN 2023

BACHELOR OF COMPUTER APPLICATIONS | L.J. COLLEGE OF COMPUTER APPLICATIONS | JUN 2018 - JUL 2021

Skills & Abilities

- Machine Learning: Deep Learning, Transfer Learning, Data Preprocessing
- Computer Vision: YOLO, MobileNetV3 large
- Natural Language Processing: OpenAI API, TF-IDF
- Data Analytics: Data Preprocessing, MySQL
- Programming: Python, C++
- Web Development: Django
- Problem Solving