GAURANG BHUPENDRA MHATRE

+91-7028474833 Mumbai, Maharashtra
gaurangmhatre3101@gmail.com Linkedin -
din- https://www.linkedin.com/in/gaurang-mhatre-50bba1249/◇

OBJECTIVE

Artificial Intelligence Engineer fueled by a profound enthusiasm for innovative AI&ML solutions.

EDUCATION

(BE)Bachelor of Artificial Intelligence and Data Science, Savitribai Phule Pune University.   2020-2024
Relevant Coursework: NLP, ANN, Reinforcement Learning.
GPA: 8.8

Higher Secondary Board(HSC), Maharashtra State Board.   2018 - 2020

SKILLS

Technical Skills   Python, Generative AI, Machine Learning, Databricks, Pandas, Numpy , open cv, ollama streamlit.

Soft Skills   Excellent Communication, Cooperative Collaboration, Problem solving, Adaptability.

EXPERIENCE

Elite Software
Intern - Python & Django
Duration: 3 months

- Developed and maintained Django-based applications, enhancing backend functionality and improving overall system efficiency.
- Collaborated with the team to create scalable web applications, focusing on clean and efficient code.

MindTech Solutions
Intern - AI & ML
Duration: 1 month

- Assisted in building and testing machine learning models for various AI applications, gaining hands-on experience in model development and evaluation.
- Worked closely with the team on data preprocessing and feature engineering to improve model accuracy.
- Participated in brainstorming sessions for AI-driven solutions, contributing ideas and insights on ML techniques.

.

PROJECT

Automated QA Model for PDF and Word Files

Developed an automated question-answering model using a BERT-based transformer to process both PDF and Word documents. Implemented seamless text extraction without requiring file-type input fromthe user, enabling users to directly upload files. Integrated speech recognition for voice-based question input and text-to-speech to deliver spoken responses, providing a more interactive experience. Technologies used include Python, Transformers, PyPDF2, python-docx, and pyttsx3..

Multilingual Medical Diagnosis Chatbot

based on symptoms spoken in Hindi, Marathi, or English. Utilized `SpeechRecognition` for voice input, `googletrans` for language detection, `TF-IDF` and Logistic Developed a voice-enabled chatbot in Python that provides medical diagnoses and medicine suggestionsRegression for symptom-based diagnosis,and `gTTS` for spoken responses, enhancing user accessibility in native languages.

OpenCV Object Detection System

Developed a real-time object detection system using OpenCV and Python, implementing image processing algorithms to identify and classify objects from video feeds. Enhanced detection accuracyand speed, creating an interactive interface to visualize results effectively.

CERTIFICATIONS

*Machine Learning: AI, Python + Chatgpt   *Databricks Lakehouse fundamentals

*Genrative AI course from oracle university   * streamlit cerificetion

EXTRA-CURRICULAR ACTIVITIE

• Social worker at National Service Scheme(NSS).Led a team of five members to clean a well-known hill in the Pune area, effectively managing the team to ensure optimal performance and completion of the task