SHUBHAM SALOKHE

AI ML Engineer

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SKILLS

Transformers · LLM's · Predictive Modeling · Regression · Classification · Clustering Models · RASA · SpaCy · NLTK · XGBoost · CatBoost · LightGBM · PyTorch · ANN · CNN · RNN · Numpy · scikit-learn · NLP · Pandas · pyplot · seaborn · TensorFlow · Fast API · Flask · v · Streamlit · MongoDB · GitLab · DVC · Ml-flow · Prompt-Engineering · Langchain · Faiss · Vector Database · Milvus · Generative-AI · Huggingface

PROGRAMMING LANGUAGES

Python · C++ · MATLAB · SQL

LANGUAGES

Lang 1: English

Lang 2: Marathi

Lang 3: Hindi

SUMMERY

Experienced ML Engineer with 2 years of practical expertise in machine learning, deep learning, and NLP. Seeking a challenging role to create advanced AI-ML solutions, enhance customer experience, and drive business success through collaboration within a dynamic team.

EXPERIENCE

Machine Learning Engineer | Codiant - A YASH Technologies Company

📅 Jan 2022 – Present 📍 Indore, India

- Feed Recommendation system
  - Video similarity using feature embedding extraction.
  - Session based recommendation system.
  - Text content based recommendation system using feature embedding extraction.
  - The pipeline for model training and model providing was developed using APIs.
- Product Recommendation System
  - Collaborative based recommendation.
  - Content-Based Recommendation.
  - Knowledge-based recommendation system
  - Incremental learning system designed. Incremental training based on frequency of new user or item added.
- Chatbot
  - Proficient in designing end-to-end conversational AI solutions using Rasa framework.
  - Expert in NLP for intent recognition, entity extraction, and sentiment analysis.
  - Skilled in crafting contextual dialogue management systems with Rasa's Core framework.
  - Experienced in training and optimizing NLP models for improved accuracy.
  - Successfully deployed and integrated Rasa chat-bots on various platforms.
  - Designed custom actions and policies for executing complex tasks.
  - Continuous improvement of intent and entity recognition.
  - Implemented analytic and monitoring for performance tracking.
  - Thorough testing and quality assurance for reliable functionality.
- Automated Job Description Generation using GPT-2 Model.
  - Data gathering for Collecting and pre-processing data-sets for the job.
  - Customise the language model for coherent job postings when fine-tuning GPT-2.
  - The user interface for Develop a user-friendly user interface for simple generating.
  - Gather feedback and make incremental improvements as part of continuous training.
- Named Entity Recognition using spacy and CRF
  - Entity Extraction from Candidate Resume.
  - Training Custom data set for getting candidate skills.
- Optical character recognition
  - easyOCR, Pytesseract, TrOCR
- Whats app automation using selenium.

Data Science - Intern | Innomatics Research Labs

📅 Oct 2021 – Jan 2022   📍 Hyderabad, India

Remote
- Covid-19 chat-bot on Rasa framework for question and answering.
- Airline sentiment analysis stream-lit app deployed on Heroku & AWS.
- Application Development project on flask-SQLite (URL Shorten)
- Implementing K-Nearest Neighbor (KNN) Algorithm from scratch
- Hackerthon 21 EDA on Fifa 19 data-set Unsupervised Clustering techniques k-means and PCA.

Data Science-ML & DL - Intern | REGex Software Services

📅 Jul 2021 – Oct 2022   📍 Jaipur, India

Remote
- Leaf classification- Implemented 10 classification technique.
- Heart Attack Analysis & Prediction(SVM, Random Forest, logistic Regression).
- Simple Linear Model from scratch with gradient descent tech.
- Prediction House Price using advance regression techniques.

EDUCATION

Bachelor of Mechanical Engineering | Shivaji University

📅 04 2020   📍 Kolhapur, India

- GPA: 2.9 / 4.0

CERTIFICATES

Neural Networks and Deep Learning | 🌐

📅 Jun 2023 – March 2023

- *Stanford University-Coursera -Andrew NG*

Data Science | 🌐

📅 Jun 2020 – Feb 2021

- *IBM Data Science Professional Certificate-Coursera*

Machine Learning | 🌐

📅 Jun 2020 – Sept 2020

- *Stanford University-Coursera -Andrew NG*