

Shubham Salokhe

MACHINE LEARNING ENGINEER

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"Be the change that you want to see in the world."

Summary

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.

Work Experience

Codiant - A YASH Technologies Company

Indore, Madhya Pradesh

MACHINE LEARNING ENGINEER

Jan. 2022 - Present

- Leveraged pre-trained models to extract feature embedding from text, images, and audio, enabling the development of a highly personalized recommendation system.
- Designed, integrated, and deployed deep learning models to power recommendation systems, including Session-based, Knowledge-based, Collaborative Filtering, and Content-Based approaches. Additionally, implemented an Incremental learning system for continuous improvement.
- Designed and deployed Chat-bots using the Rasa framework, specializing in NLP tasks like intent recognition, entity extraction, sentiment analysis, and contextual dialogue management. Optimized NLP models for enhanced accuracy and integrated chat bots on multiple platforms.
- Performed fine-tuning on several GPT-2 models to create job descriptions. This process involved tasks such as collecting data and customizing the language model for optimal results.
- Conducted specialized training and fine-tuning of SpaCy models to classify document files and extract entities from documents. Furthermore, I devised a scoring system based on cosine similarity using text feature embedding to evaluate the suitability of resumes in alignment with job descriptions within a SAAS-based platform..
- Proficient in Optical Character Recognition (OCR) using tools like easyOCR, Pytesseract, and TrOCR.

Innomatics Research Labs

Hyderabad, India

DATA SCIENCE - INTERN

Oct. 2021 - Jan. 2022

- 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.

REGex Software Services

Jaipur, India

DATA SCIENCE-ML & DL - INTERN

Jul. 2022 - Oct. 2021

- 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.

Certificates

Neural Networks and Deep Learning

deeplearning.ai

JUN 2023 - MARCH 2023

- Stanford University-Coursera -Andrew NG

Data Science Professional Certificate

IBM, Coursera

JUN 2020 - FEB 2021

- IBM Data Science Professional Certificate-Coursera

Machine Learning

Stanford University, Coursera

JUN 2020 - SEPT 2020

- IBM Data Science Professional Certificate-Coursera

Skills

Machine Learning	Transformers, LLM's, Predictive Modeling , TensorFlow, PyTorch, lightning.ai, RASA, XGBoost, CatBoost, LightGBM, Numpy, scikit-learn, Pandas ,Pyplot, seaborn, Prompt-Engineering, Langchain, Faiss, Vector Database, Milvus, Generative-AI, Huggingface
MLOps	MLflow, Docker, Weights & Biases, DVC
Back-end	Flask, FastAPI, Django, Sanic, Streamlit
Front-end	Hugo, Redux, React, HTML5, LESS, SASS
Programming	Python, C++, SQL, LaTeX
Languages	English, Marathi, Hindi

Education

Shivaji University	Kolhapur, Maharashtra
BACHELOR OF MECHANICAL ENGINEERING	Mar. 2020
• GPA: 2.9 / 4.0	