Anup Kamble
Software Developer-AI

Contact No: 9405587046   **Email:** anupkamble8412@gmail.com

PROFESSIONAL SNAPSHOT

Dynamic Software Developer in AI with 3 years and 2 months of industry experience, specializing in Python and Data Science. Proven track record in expertly preparing and preprocessing data, uncovering meaningful insights, and develop highly scalable machine learning and deep learning models. My commitment to innovation and detail has consistently resulted in surpassing project expectations. Eager to contribute my skills, collaborative spirit, and passion for AI to drive success in your projects..

PROFESSIONAL SUMMARY

- ✓ Experience using ML libraries, such as scikit learn, Seaborn, Matplotlib, Pandas, numpy, RegEx etc.
- ✓ Experience using Deep Learning Libraries, TensorFlow, Pytorch.
- ✓ Experience In Image Processing Using OpenCV.
- ✓ Experience diving into data to discover hidden patterns.
- ✓ Solid understanding of the mathematics related to data science probability, statistics, linear algebra etc.
- ✓ Ability to understand business concerns and formulate them as technical problems that can be solved using data and math / stats / ML.
- ✓ Experience working with Natural Language Processing for Text Analysis using State of the Art libraries and Frameworks.
- ✓ Strong understanding of the data science model end-to-end from data collection to model building to monitoring the model in production.
- ✓ Knowledge of MLOP's basics for streamlined machine learning lifecycle management.
- ✓ Experience working as part of a product team, along with engineers and product managers, to define the problem and execute the data science solution.
- ✓ Exploring all new skillsets related to Artificial Intelligence according to Industry and keep update with myself.

SKILL SET

- ✓ **Python:-** Python Codes & Libraires like NumPy, pandas, Matplotlib, Seaborn, SciPy, RegEx etc.
- ✓ **Machine Learning:-** Machine learning algorithms for regression, classification, Clustering, Statistical modelling.
- ✓ **Deep Learning:-** Neural Networks, ANN, Activation Functions, Optimizers, CNN, DNN, Transfer Learning, Back Propagation, TensorFlow, Keras, Pretrained Models, Fine-Tuning, Transfer-Learning, Building & Improvising Neural Network, Computer Vision Basics, Auto Encoders and Knowledge of GAN'S Network.
- ✓ **SQL & MangoDB:-** SQL & MongoDB for Data Exploration and data analysis, CRUD operations, Subqueries, Window functions, Joins.
- ✓ **NLP:-** Text preprocessing techniques, Understanding classification & clustering of Text Libraries: 'nltk, spacy, gensim, textblob, googletrans Techstat': Word Embedding, keypharse extraction, Strong Knowledge of RNN, LSTM, GRU And Generative AI And, Exploring LLM Models and Frameworks.
- ✓ **Maths & Stats**
- ✓ Web-Scraping & OCR Techniques and Frameworks
- ✓ **API:-** API creation using Flask web Framework & Testing using Postman.
- ✓ **Cloud:-** Aws, EC2 instance S3 Bucket
- ✓ **JIRA:-** Tickets, Tasks, Reports.
- ✓ **HTML:-** Basic HTML page rendering
- ✓ **GitHub:-** Git, Github, Hands on in Linux, Ubuntu, Windows
- ✓ **Anaconda:-** Conda Env. Setup..

➢ **Project 1 : Image Classification Using DL Or Transfer Learning**   **Domain : Public Website**

Responsibilities:

- ✓ Collect and preprocess relevant data for model training and evaluation.
- ✓ Create Deep learning Model which is correctly classify the images "Valid image" and "Invalid Image"
- ✓ Check the loss and accuracy of Model
- ✓ Check the performance of an Model
- ✓ Test the model
- ✓ Image Processing Techniques using OpenCv

➢ **Project 2: Medical Insurance Fraud Detection**   **Domain : Insurance**

Responsibilities:

- ✓ Collecting and preprocessing data about Insurance customers, cleaning the data, handling missing values, and converting categorical variables into numerical format.
- ✓ Performing feature engineering to create new features from the existing ones.
- ✓ Selecting and Training appropriate machine learning algorithm for the problem at hand on the preprocessed data.
- ✓ Evaluating the performance of the model using metrics such as accuracy, precision, recall, and F1-score.
- ✓ Performing hyperparameter tuning to improve the performance of the model.
- ✓ Collaborating with other stakeholders such as business analysts, data engineers, and product managers to ensure the project's success.

➢ **Project 3 : Sentimental Analysis Vehicle Insurance Compony**   **Domain: Insurance**

Responsibilities:

- ✓ Collecting and preprocessing data from various sources such as social media platforms, customer feedback forms, and online reviews.
- ✓ Analyzing customer sentiment using natural language processing (NLP) techniques.
- ✓ Classifying customer sentiment as positive, negative, or neutral.
- ✓ Training a machine learning model on the preprocessed data and evaluating its performance using metrics such as accuracy, precision, recall, and F1-score.
- ✓ Performing feature engineering to create new features that would improve the performance of the model.
- ✓ Selecting an appropriate machine learning algorithm and tuning its hyperparameters And Evaluate.
- ✓ Collaborating with other team members such as business analysts, data engineers, deployed team and product managers to ensure the project's success.
- ✓ Staying up-to-date with the latest research and advancements in natural language processing and machine learning to continuously improve the performance of the model.

PROFESSIONAL WORK EXPERIENCE

- **Organization1:** E-Mech solutions (Aug-2021-May2023) | - **Organization2**: Centre for Good Governance (May-2023 to Till)
- **Designation:** Data Scientist. | - **Designation:** AI Software Developer

     -Total Experience: 3.2 Years In Artificial Intelligence.

ACADEMICES

- ✓ B.E | (B.E. Civil / Shivaji University, Kolhapur / First Class)

CERTIFICATIONS

1. Introduction to Generative AI - Coursera
2. Python And Data Science - Coursera
3. DevOps, DataOps, MLOps - Coursera