

Nazar Mohammed

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Kaggle: <https://www.kaggle.com/nazarmohammed>

Blog : <https://www.blogger.com/blog/posts/3743769476669144816>

Career Objective

I am a dedicated and ambitious individual seeking an opportunity to contribute my efforts and experience in the field of Data Scientist & AI within a dynamic and challenging organization. Proficient in SQL, Python programming, Machine Learning, and Deep Learning, Computer vision, Docker , Heroku and NLP. I am excited to leverage my skills and knowledge to excel in the Data Scientist domain.

Qualifications

- Completed bachelor's degree in civil Engineer from K. B. N. University of Engineering Kalaburagi with CGPA of 8.46= 80.46%

Technical Skill

- Strong knowledge in Python And SQL.
- Extensive knowledge in Machine Learning, Scikit Learn Pipeline and scikit Learn Libraries and Machine Learning Pipeline using Docker & Kubernetes.
- Extensive knowledge in deploying models in Heroku , EC2(AWS),GoogleCloud.
- Extensive knowledge in Deep Learning Neural Networks (Transfer Learning).
- Py torch, TensorFlow, Keras, Open Cv, RNN, ANN, CNN, GNN, LSTM,Pandas , NumPy, Scipy,Prompt Engineering– both unstructured and structured.
- Strong knowledge in Natural Language Processing (Extensive experience with NLP frame like NLTK,spaCy,Rasa, also experience with transformers, BERT, GPT,Langchain with lama,etc).
- Extensive knowledge in Data Collection, Data Preprocessing, Data Analysis, Data Visualization Using power BI, Data Modeling (Matplotlib, Seaborn), A/B Testing(Hypothesis) and EDA.
- Extensive knowledge in Model Selection, Model Evaluation, Model Tuning and Statics Model Building for Machine Learning, Predictive Modeling & Problem solving both supervised learning, un-Supervised Learning and clustering,Linear,classification solving And Clustering.
- Strong knowledge of Microsoft Excel (Pivot Table).

- Extensive understanding of advanced Deep Learning or Generative architectures/techniques attention models,LLMs,HuggingFace,Gemini-Pro,etc.
- Good Knowledge in Machine Learning Algorithms RandomForestClassifier ,Boosting,Bagging,Feature Engineering And Ensemble Technique.
- Stronge knowledge in Rasa Frame work for chatbot .well understanding in implementing Large Language Models(LLM).Good knowledge in RAG.
- Extensive knowledge in FASTAPI for backend , GitLab , Jira-software.
- Extensive experience in end-to-end project implementation using Continuous Integration and Continuous Deployment (CI/CD) pipelines

Working Experience:

Company Name : ResoluteAI

Designation : Data Scientist

Date: Nov 2021 to Sep 2023

Project summary:

I worked on classification , multi-classification predictive models, Yolo model or yolov5 for object detection, Face Recognition and using Pre-Trained Neural Network And Machine Learning.

Working Experience:

Company Name: Cybrain Software Solution Pvt Ltd

Designation: AI/ML Engineer

Date: Oct 2023 to May 2024

Project summary:

I'm currently working on chat bot using Rasa Framework and Deep Learning (Large Language Models like GPT-3.5-Turbo)

Working Experience:

Company Name: Goddam Innovations Pvt Ltd

Designation: Data Scientist

Date: May 2024 to Present

Project summary:

I am currently developing and implementing Time Series Forecasting models using(ARIMA & LSTM) machine learning and deep learning techniques. My work involves comprehensive data visualization, in-depth data analysis, and the creation of accurate forecasting models.

Projects:

Heart Attack Prediction:

In this I have built a Heart Attack Prediction Model which can predict the probability of heart attack of the patient. In this I have used python language, Logistics Regression of machine learning algorithm and I had achieved the accuracy of > + 84.4%.

NIFTY-50 Index Price- Prediction(Time Series Analysis):

In this model I have built a machine learning model which can predict Amazon stock price in this had used LSTM as Deep Learning algorithm to predict the outcome. I this successfully it had gained the accuracy of > +0.89%.

AI ML Caption Generation Project:

This code is used for image captioning using a pre-trained Vision Encoder-Decoder model. The model is a combination of a vision transformer (ViT) and a GPT-2 language model. The ViT is used to encode the image and generate a set of features, while the GPT-2 model is used to decode the features and generate a caption for the image with the accuracy of +0.98%.

Lang Chain Projects-with-FastAPI-Using-Google-Gemini :

This projects aim to deal with.

1. **Multiple-PDF chatting:** Seamlessly exchange PDF files within the chat interface.
2. **Website URL chatting:** Share website links directly in the conversation.
3. **Chatting with images** or invoices: Easily communicate with visuals and invoices.
4. **Chatting with Gemini:** Interact effortlessly with Gemini through the chat interface.
5. **Chatting with PostgreSQL database:** Access and interact with PostgreSQL data seamlessly.
6. **Image URL chatting:** Share image URLs and discuss them in real-time.
7. **Maintaining conversational flow:** Ensure a smooth interaction between users and the bot, maintaining context throughout.

Link:

<https://drive.google.com/file/d/1VH7I9wxtcUPpUcXTRyZdF1Tm6nz6aevi/view?usp=sharing>

Breast-Cancer-Classification-with-NN(Neural Networks):

The Breast Cancer Classification project aims to develop a deep learning model using neural networks to accurately classify breast cancer cases. Breast cancer is a significant health concern, and early detection plays a crucial role in improving patient outcomes. With the accuracy of + 95.6%.

NLU(Natural Language Understanding Using Rasa Frame Work)[End to End]:

In This Project I had made a chat bot with Rasa Framework this chat bot have a good ability of understand the customer behavior and its requirement and it help the customer to reach its requirement and It is a Multi-lingual Chatbot.

Link:

<https://drive.google.com/file/d/1O4Q5SOnyOasmNhxsACODnHcNJyqfeo46/view?usp=sharing>

Training And Certification:

- I had Completed Full Stack Data Science & AI from Alma Better.
- I had completed course on Machine Learning, Docker , PowerBI ,Deep Learning, NLP, NLU, MYSQL And Python.

Hobbies:

- Playing Chess
- Trading In Stock Market

Achievements:

1.Participated in Hacker Rank Won 5 Star in Python And SQL

Declaration:

I hereby solemnly declare that all the details furnished above are true and correct to the best of my knowledge and belief.

Date:

Place: Kalburgi

Nazar Mohammed