

# ABDUL QADIR

Data Science and AI Engineer

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## OBJECTIVE

To leverage my expertise in data science and AI engineering to develop innovative solutions that drive business growth and enhance decision-making processes.

## EDUCATION

**B.Tech in CSE(AI/ML)**, ABES Engineering College

Expected 2025

## SKILLS

<b>Languages</b>	Python, Java,C
<b>Data Science</b>	Machine Learning, Deep Learning ,Computer Vision, NLP, LLMs, Generative AI
<b>Libraries</b>	Numpy, Pandas, Matplot, Seaborn ,Tensorflow,Pytorch,hugging-face
<b>Developers Tools</b>	Flask, AWS, HTML, CSS ,Azure(Basic), Docker, Git and Github, MLOps,CI/CD

## EXPERIENCE

### Generative AI intern

Nov 2023 - Dec 2023

izet venture pvt ltd

*Ghaziabad, UP*

- Developed a chatbot using OpenAI API on custom dataset(pdf).
- Used OpenAI embeddings and gpt-4 model with QA chatbot
- Used flask as backend with HTML and CSS.

### Machine Learning Intern

Jul 2022 - Aug 2022

Rinex Technology

*Remote*

- Developed Spam message classifier.
- Used Support Vector Machine algorithm
- Used streamlit for end to end and deployed on Heroku.

## PROJECTS

**Question Answering chatbot** Build a chatbot using RAG mechanism with LLAMA-2 and huggingface embedding. It can help to chat with personal data such as text and pdfs

**MCQ Generator** Build a project that generalte MCQs from the given paragraph. I used a proper prompt and with OPENAI llm,langchain and openai embeddings

**Text summarizer** Fine tuned the google pegasus daily-mail-cnn transformer model from hugging-face on google colab, on samsum dataset. used transformer pipeline.

**Machine Translation** Fine tuned model="Helsinki-NLP/opus-mt-en-hi" from hugging-face on google colab, on iitb-english-hindi dataset. used transformer pipeline.

**Helmet Detection** Build a helmet detection using YOLOV-7 . Trained on custom dataset after labeling with roboflow

**Skin Disease classifier** Build a project which can classify the skin diseases. Used CNN with VGG-16 Pretrained model. Used flask,html,and css for end to end model

**Gemstone(Diamond) Price Prediction** Build a complete end to end MLOps project which can predict the price of Diamond according to their properties(Dimensions).Trained and hypertuned regressor models, created ML pipline to preprocess the categorical and numerical features.