ALOK RANJAN

DATA SCIENTIST
SOFTWARE DEVELOPER

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CERTIFICATE

- Generative AI with Large Language Models

SKILLS

- Machine Learning
- Computer Vision
- NLP
- Generative AI
- Desktop Application

SOFT SKILL

- Observation
- Decision making
- Communication
- Multi-tasking

EDUCATION

- B.Tech (2010-2014)

Dr. A. P. J. Abdul Kalam Technical University, Lucknow, Uttar Pradesh

PROFESSIONAL EXPERIENCE

- **Programming Language -:** Python, C sharp
- **Database -:** SQL, Vector DB
- **Framework -:** Flask REST API, DotNet (Winform Desktop Software)
- **Machine learning Algorithm and Libraries -:** scikit-learn, Keras, Tensorflow, Pytorch, OpenCV, YOLOv5,v6,v7,v8, Detectron2, LSTM, LLMs, Langchain, OpenAI, Huggingface, Gemini Pro, MLOPs, Docker.
- **Generative AI**
- **Others-:** Git, GitHub, Application Deployments on AWS and Azure.

WORK EXPERIENCE

WinForm Desktop Application
June 2019- Present

- In the DotNet framework, I have worked extensively for desktop application development as a freelancer on freelancer.com, Upwork.com, and fiverr.com.

Data Science and Generative AI
February 2023 - Present

- I work as a freelancer in the domain of Machine learning, computer vision, and NLP. I did many tasks like Object Detection, Image Classification, Image Segmentation, and fine-tuning LLM models with custom datasets.

PROJECTS

Image sentiments classification
https://github.com/alokyadav2020/ImageSentimentsClassificationCNN.git

Diamond Price Prediction
https://github.com/alokyadav2020/DiamondPricePrediction1.git

EasyBill, A winform based desktop software for POS Systems
https://github.com/alokyadav2020/EasyBill_Billing_Software.git

Q & A, Chatbot with SQL Questions based on RAG

https://github.com/alokyadav2020/ChatWithData_HuggingfaceAPI.git