Immediate Joiner. ..

RESUME

Deepranjan Kumar Gupta
Data Science Enthusiast

+91 8409694337, +91 8434107459   **kd082442@gmail.com**

github.com/DeepranjanG   **www.linkedin.com/in/DeepranjanG**

PROFILE SUMMARY:

Masters in Computer Applications. Highly detail-oriented individual, eager to contribute towards the Data Science Domain. Skilled at handling Machine Learning, Deep Learning and NLP projects. Knowledge and understanding of various Data preprocessing tools.

Previously worked as Recruitment Consultants with MetConsultants Services.

TECHNICAL SKILLS

Skill	Technology worked on
Programming	Python
Tools/IDE	PyCharm, Jupyter Notebook, VS Code, Spyder
Cloud	AWS, Azure, GCP
Machine Learning	Machine Learning, Data Analysis, Artificial Intelligence, Natural Language Processing, Pandas, Scikit Learn, Matplotlib, Data Cleaning
DL/ CV/ NLP	Tensorflow, Keras, CNN, faster RCNN, RNN, LSTM, Vgg16, Resnet-50, Mobilenet, SD, Yolov3/Yolov4/Yolov5, Detectron2, Monk-Ai
Operation System	Windows, Ubuntu
Hardware	Nvidia 920M, Tesla T4, Tesla K80
Version Control	GIT

Project 1: Wafer Fault Detection (*Link*)

In this project the main goal was to build a Machine Learning Model which predicts whether a specific wafer needs to replaced or not (I.e whether it is working or not) based on the inputs from various sensors.

Technology Used: (Python, Classification, KMeans, XGBoost)

Project 2: Shredder Machine (*Link*)

It's an industrial use case. Shredder Machine is a mechanical device used to cut paper / plastic into either strips or fine particles. We have created a Deep Learning Model to detect Palm. If Palm crosses the safety line a "ALERT" be there.

Technology Used: (Python, TensorFlow, Keras, Opencv, SSD)

Project 3: Face Recognition *(Link)*

This project is based on **ArcFace Paper**. This is the particular algorithm we have selected for Face Recognition. Inside that **MTCNN** is used to detect face. MTCNN returns a list of JSON objects. Each JSON object contains three main keys: 'box', 'confidence' and 'keypoints'.

This project can be used in schools, colleges and organization. It's a Desktop Application.

Technology Used: (Python, TensorFlow, Keras, Opencv, Mxnet)

Project 4: Oil Spill Detection *(Link)*

The purpose of this project is to detect the oil spills discharged into the sea with sufficient accuracy. For that we have performed Instance Segmentation using Detectron2 framework. Detectron2 is powered by the PyTorch deep learning framework.

Technology Used: (Python, PyTorch, Detectron2, Open-CV, Flask)

Project 5: Language Identification *(Link)*

Language Identification is an important task in the field of natural language processing. Here the user will provide speech recordings of a specific language (i.e English, German, French, Espanol, Chinese and Russian) and then using deep learning approaches we will try to predict the spoken input language.

Technology Used: (Python, Keras, TensorFlow, Flask)

Project 6: NER (Name Entities Recognition) *(Link)*

Named Entities Recognition (NER) is a basic task of Natural Language Processing (NLP). The purpose is to identify named entities such as person names, place names, and organization names in the corpus. Due to the increasing number of these named entities, it is usually impossible to exhaustively list them in the dictionary, and their constituent methods have some regularities. Therefore, the recognition of these words is usually included in the task of morphological processing (such as Chinese segmentation). Independent processing, called named entity recognition.

Technology Used: (Python, PyTorch, Flask, Transformer model)

PROFESSIONAL EXPERIENCE:-

Currently **Intern** at **Ineuron.ai**

Joining Date : Jan 2021 to Present

Project: Action Recognition

Company: MetConsultants Services.

Designation: IT Recruitment Consultant.

Joining Date: Jan-2016 to Feb 2019

Responsibilities:

- ❖ Experience in End to End Recruitment.
- ❖ Sourcing & Screening resumes through different sources like Naukri, and Monster.
- ❖ Recruiting from Entry level to Top level
- ❖ Review and understand technical job requirements
- ❖ Review applicants to verify if position requirements are met
- ❖ Format resumes meeting client expectations
- ❖ Sourcing, Screening of resumes, Schedule of interviews & Follow-ups, Salary Negotiation etc.
- ❖ Knowledge on IT concepts and latest trends.
- ❖ Understanding Requirements by interacting with Company representatives.
- ❖ Interacting with the candidates about the Company Profile and Job Responsibilities.
- ❖ Short List the candidates for the interviews and scheduling the interviews.
- ❖ Scheduling telephonic, F2F interviews as per client/Candidates availability/need.
- ❖ Sharing resumes, trackers and candidate necessary information in required format.
- ❖ Follow up with candidates with regard to offer & acceptance and conducted reference check to update & maintain database, interview schedules & feedback.

CAREER HIGHLIGHTS:

- ✓ I have Proccessed candidates for the Top MNC's like Dell EMC, Vodafone, Invasystems, and Edelweiss Financial.

EDUCATIONAL QUALIFICATIONS:

- ✓ **B.Sc. (Chemistry) - 2016**

  Lalit Narayan Mithila University

- ✓ **MCA (Master of Computer Application) - 2019**

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PROJECTS DONE DURING Masters:

Mini Project:

   E-Fashion Store, it is based on online shopping website. It is a simple small web application illustrated by using the most common features of PHP. The basic web language used in this project is PHP and the database of the whole project is created used MySQL Server. The front end is designed in HTML, CSS, Bootstrap, jQuery, JavaScript and the back end is MySQL database. By using the front-end user can buy anything from store database

and administrator can create/update/delete data in the database. By using the User login system admin can access the other functioning of the application

Major Project:

      Let's Chat App, it is based on social media applications like Facebook, Twitter, etc… It is an Android Based application illustrated by using the most common features of JAVA, XML and FIREBASE database with help of android-studio IDE. The basic language used in this project is JAVA, XML and the database of the whole project is created used FIREBASE Database Server. The front end is designed in JAVA, XML and the back end is FIREBASE database. By using the front-end user can create, login and post anything on Let's Chat app. Firebase provides a real time database and backend as a service.

CERTIFICATION:

Completed **Advanced Diploma in Computer Application** certified course.

Completed **Machine Learning and Deep Learning with Python online** from Udemy. ([Credentials](#))

Pursuing **Data Science Certification** in Bengaluru.

EXTRACURRICULAR ACTIVITIES

- ➢ Participated in 4th International Mathematics Olympiad and I was awarded for my distinctive performance.
- ➢ Worked as Head Boy of the school in session 2009-2011.

DECLARATION

      I hereby declare that the above mentioned information's are true with the best of my knowledge and belief.

Place: Bengaluru

Date:

                                     (Deepranjan)