RAJATHKUMAR B R

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🎯 CAREER OBJECTIVE

To utilize my technical skills for achieving the target and developing the best performance in the organization. I would like to implement my innovative ideas, skills and creativity for accomplishing the projects.

🎓 EDUCATION

Degree – B.E
College – Jawaharlal Nehru new college of Engineering
Year of Passing - 2023
Percentage – 7.4

Pre University
College – GC College
Year of Passing - 2019
Percentage – 74.4

SSLC
College – Jaycee English Medium School
Year of Passing - 2017
Percentage – 87.3

🎓 TRAINING

Undergoing Python Full Stack Course in Pyspiders.

🔤 LANGUAGES

- **English**
- **Kannada**
- **Hindi**

## 🧠 TECHNICAL SKILLS

PYTHON:

- Basics of the Python
- Operators concepts
- Datatypes
- Control Statements
- Collections
- Built in methods

SQL:

- Basics Dbms and Rdbms
- Quries and operators
- DDL,DML,TCL,DQL,DCL
- Tables ,Constraints and Datatypes
- Functions on srf and mrf
- Subquery

HTML:

- Basics of html
- Character formatting
- Hyperlink , Iframe , Special Characters , Scrolling Text

⚛ PERSONAL SKILLS

- Problem Solving
- Creative Thinking
- Ability to Work in a Team
- MS Excel
- MS Word
- PowerPoint

INTERNSHIP

I have completed the internship in the Ekathva Innovation Pvt.Ltd And studied about the Aiml and completed the project on the "Prediction of Sea Altitude using LSTM RNN in PyTorch ".The purpose of this internship was to study and gain information and knowledge about Artificial Intelligence and how it can be implemented using PyTorch. The internship training gave an opportunity to express everyone's ideas and to put those ideas in the mini project assigned. it helped to focus and to understand the concepts clearly by doing it practically. Developed and Implemented a system to track the movement of Goods in and out of the warehouse, resulting in a 99% increases in inventory accuracy.

📋 PROJECTS

1. **Project Name :** Real time Campus Security System using Machine Learning.

Project Description : Face recognition technology still has some insurmountable shortcomings, it has the advantages of convenience, high efficiency, low cost and high accuracy. These advantages make people's demand for its use increasing day by day. Face recognition technology has gradually entered the family, campus and society, facilitating people's lives. At present, the combination of machine learning and security has gradually entered the deep water-area. There is a need to focus on the development of embedded computer vision technology, so that face recognition technology can enter the restricted areas with a lower threshold. importing the necessary libraries: cv2, numpy, face_recognition, and os. OpenCV (cv2) is a powerful library for computer vision tasks, numpy is used for numerical operations, face_recognition is a library specifically designed for face recognition tasks, and os is used for operating system-related operations. The Haar classifier employs , which is a machine learning technique that combines these weak classifiers to create a stronger overall classifier. It is the process of dividing image into multiple parts by cropping it. Image classifier is a method in which a digital image is broken down into various subgroups called Image segments which helps in reducing the complexity of the image to make further processing or analysis of the image simpler.

2. **Project Name :** Prediction of Sea Altitude using LSTM RNN in PyTorch

Project Description : The data used to train the Recurrent neural network (RNN) model typically includes a large dataset of the altitudes of the sea and also the height of the waves. The neural network model used for predicting sea altitude typically consists of an datasets with the altitudes in the time series. During training, the altitude of sea from LSTM and RNN model are adjusted to minimize the difference between the predicted sea altitude. Gather and pre-process the data that will be used to train the model. This include collecting the data of the sea waves from the particular region. Once the model is trained, it can be evaluated using a separate test set of data. The accuracy of the model can be measured using metrics such as precision, F1-score.

✍ DECLARATION

I hereby declare that the above information furnished is true to the best of my knowledge and belief.

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RAJATHKUMAR B R

DATE :