Navaneetha Krishnan R

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Objective

To secure a challenging position in AI and Data Science where I can apply my expertise in Python programming, AI model development, and data analysis. Eager to contribute my skills gained from internshipsand academic projects to drive innovation and achieve results in a dynamic team environment.

Skills

- Programming Languages : Python (Expert), C/C++ (Intermediate), SQL (Intermediate), Java (Basics)
- Framework and Libraries : TensorFlow-Keras, Matplotlib, Transformers (Hugging Face), ChromaDB
- Tools   : Power BI, MySQL, MS Office, Figma, UiPath, Unity
- Soft Skills   : Leadership, Team Work, Attention to detail, Critical Thinking, Adaptability

Education

Sri Sairam Engineering College, Chennai	***2021 – Present (4th Year)***
Bachelor of Technology – Artificial Intelligence and Data Science	***CGPA:*** *7.45*
M.P. Aanandh Matriculation Higher Secondary School, Chennai	**2020-2021**
Higher Secondary School	***Percentage:*** *72.5%*
M.P. Aanandh Matriculation Higher Secondary School, Chennai	**2018-2019**
High School	***Percentage:*** *67%*

Projects

1. **Flight Simulator Trainer using VR**
   Developed a project to implement the flight trainer in VR to avoid various cost lost and to increase economic growth.
2. **Facial Recognition using core python**
   Developed a python code to identify the facial emotion through their expression for lunatic people.
3. **Posture Recognition using Open CV**
   Designed a real-time object tracking and recognition of the posture of astronauts to record their body condition.
4. **Sentiment Analysis using voice**
   Analysed sentiment of a mentally disable child with the help of a voice.
5. **Text Extraction OCR using Python**
   Built an optical character recognition (OCR) system using Python for extracting text from images.
6. **Image Classification on CIFAR Dataset using CNN**
   Implemented a convolutional neural network (CNN) to classify images from the CIFAR dataset with high accuracy.

Experience

1. **Jorim Technology Private Limited**
   Intern (October 2023 - December 2023)
   - A 30-days internship focused on core python, part of identifying the emotion in speech, chat and in facial expression. This project is mainly dedicated to lunatic people.

   Intern (April 2024 – May 2025WW)
   - A 22-day internship specializing in OCR text recognition and research on developing image-captioningmodels.

Achievements and Honors

- **Hosted Department's Symposium**
  - *Organized a national-level event with participation from various universities and colleges.*
- **Figma event conducted in college**
  - *Won fourth prize in CanFig event – A designing competition based on Figma and Canva.*
- **MAGIC Member of State Institute of Rural Development**
  - *Development of nearby villages, Hosted by Sairam UBA.*

Certification

1. **AI for Everyone: Master the Basics**
   - *edX IBM, May 2023*
2. **AI Chatbots Without Programming**
   - *edX IBM, Jun 2022*
3. **Basic Principles of Design**
   - *Adobe/IBM, Jun 2022*
4. **Getting Started with Enterprise Data Science**
   - *IBM, Jun 2022*
5. **Getting Started with Enterprise-grade AI**
   - *IBM, Jun 2022*
6. **Improving Healthcare: The Role of Artificial Intelligence (AI)**
   - *IBM, Jun 2022*
7. **Improving Healthcare: The Role of Cloud Computing**
   - *IBM, Jun 2022*
8. **Introduction to Cloud Computing**
   - *edX IBM, Jun 2022*
9. **Introduction to Data Science**
   - *edX IBM, Jun 2022*
10. **Improving Healthcare: The Role of Data Analytics and Data Science**
    - *IBM, May 2022*
11. **Fundamentals of Deep Learning**
    - *NVIDIA, Apr 2022*
12. **Python Essentials**
    - *edX IBM, Jan 2022*

Publications

1. **Patent - Virtual Reality powered flight training**
   - Issue-45/2024, Application No.: 202441083983 A; Publication Date: 08/11/2024
2. **Flight Procedure Trainer Using Virtual Reality**
   - https://tijer.org/TIJER/papers/TIJER2405024

Languages

- Tamil (Native)
- English (Professional level)
- Hindi (Intermediate)
- Malayalam (Intermediate)
- French (Beginner - Speak and Write)