ANAND S

MACHINE LEARNING ENGINEER

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PROFILE

Results-driven Machine Learning Engineer with expertise in developing and deploying scalable machine learning models using Python. Skilled in frameworks like TensorFlow and PyTorch, focusing on data preprocessing and algorithm optimization. Passionate about leveraging data to solve complex problems and drive business insights

PROJECTS

2024(Sept)

Image Classifier with TensorFlow and Tkinter

- Developed an image classification model using CNN, trained on a custom dataset, and implemented a Tkinter-based file dialog for real-time predictions.
- Technologies Used: TensorFlow, Keras, Tkinter, Matplotlib, NumPy, OpenCV

2024(Oct)

Fuel Consumption Prediction using Polynomial Regression

- Technologies Used: Python, scikit-learn, NumPy, Pandas

2024(April)

Human Emotion Detection based on CNN

- Developed a Convolutional Neural Network (CNN) model to classify human emotions from facial expressions in images.
- Technologies Used: NumPy, Pandas, TensorFlow, PyTorch, OpenCV, Scikit-learn

INTERNSHIP

2024

Iconix Software Solution, Tirunelveli

- Machine Learning Development Using Jupyter Notebook(PYTHON)

EDUCATION

2020 - 2024

ANNA UNIVERSITY

- B.E (Computer Science and Engineering)
- GPA:7/10

2019 - 2020

BOO VIJESH MATRIC HR. SEC. SCHOOL

- HSC
- PERCENTAGE: 65%

TECH SKILLS

- Python
- Machine Learning
- Data Science
- MySQL Workbench
- MS Office
- Web Scraping
- Natural Language Processing
- English Typing (40WPM)

SOFT SKILLS

- Highly Responsible
- Team work
- Adaptability
- Effective Communication
- Critical Thinking

CERTIFICATIONS

- Data Science with Python
- Diploma in MS Office
- English Typing Junior

LANGUAGES

- English
- Tamil