C.LOGESH PERUMAL

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EDUCATION

MAHENDRA ENGINEERING COLLEGE
Bachelors of Technology
Artificial Intelligence & Data Science
CGPA : 8.9

Namakkal, Tamil Nadu
2021 – 2025

JOTHI VIDHYALAYA MATRIC HIGHER SECONDARY SCHOOL
HSC : Maths Computer Science
Percentage Scored : 88%

Salem, Tamil Nadu
2020 – 2021

GOVERNMENT HIGHER SECONDARY SCHOOL
SSLC
Percentage Scored : 82%

Salem, Tamil Nadu
2018 – 2019

EXPERIENCE

PUBLICATION
Tool Wear Condition Monitoring Using Emitted Sound Signals By
Simple Machine Learning Technique

JUN/2022

INTERNSHIP : MATT ENGINEERING SOLUTIONS
Data Science & Machine Learning With Python
Developed a Machine Learning model that leveraging the scikit-learn library for
the Salary Prediction and Gold Price Prediction, the predictive accuracy is 92%.

Nagercoil, Tamil Nadu
01/09/2022 – 07/09/2022

**INTERNSHIP : MAR BASELIOS COLLEGE OF ENGINEERING AND
TECHNOLOGY (AUTONOMOUS)**
Machine Learning & Deep Learning
Developed a Machine Learning model to build a Face Emotion Detection using
the haarcascade-classifier to recognize the face.

Thiruvananthapuram, Kerala
20/02/2023 – 24/02/2023

INTERNSHIP : CODSOFT
Machine Learning Intern
Working with the projects based on Machine Learning Movie Genre Classification,
Credit Card Fraud Detect, Customer Churn Prediction, SMS Spam Detection.

Remote, India
20/07/2023 – 20/08/2023

INTERNSHIP : BHARAT INTERN
Data Science Intern
Working with the project based on Data Science Stock Prediction, Titanic
Classification, Number Recognition.

Remote, India
10/10/2023 – 10/11/2023

PROJECTS

- **Food Classification:** Using Convolutional Neural Network (CNN) to classify different types of food items based on images.
- **Vegetable Classification & Detection:** Identifying and categorizing various types of vegetables from images using CNN & YOLO.
- **Certificate Generation:** Creating a system that automatically generates certificates based on user-provided template and data.
- **Face Recognition & Detection:** Face recognition and detection involve using computer vision techniques to identify and authenticate individuals based on their facial features.
- **Face Attendance System:** A face attendance system utilizes to track and record the attendance of individuals in the report.
- **Hand Tracking:** Hand tracking refers to the process of detecting and tracking the movements and gestures of human hands using computer vision algorithms.

CERTIFICATIONS

- Machine Learning A-Z: AI, Python & ChatGPT
- Machine Learning 101 – GUVI
- Machine Learning Intern – CODSOFT
- Machine Learning & Deep Learning – MBCET
- Resource Person for AI & ML Workshop – IEC
- Python Programming Basic to Advanced – UDEMY
- Data Science & Machine Learning with Python – MATT
- Python & Artificial Intelligence Coding Tools – UDEMY
- Beginners Course to Master Microsoft Excel – EDUONIX

SKILLS

Technical Skills : Artificial Intelligence, Machine Learning, Deep Learning, Neural Networks, Data Science, Data Analytics, Python (NumPy, Pandas, Matplotlib, Seaborn), Natural Language Processing, Data Mining, Data Modelling, SQL, Microsoft Excel, Data Visualization, Probability & Statistics, Image Processing.
Others : TensorFlow, Keras, Scikit-Learn, Artificial Neural Networks, Convolutional Neural Network, Recurrent Neural Networks, Hyper-Parameter Tuning, Feature Scaling
Non-Technical Skills : Team work, Time Management, Leadership, Problem Solving