

Logha Mathivanan

Artificial Intelligence and Data Science
Mepco Schlenk Engineering College

✉ loghamathivanan19@gmail.com

📞 (+91) 9344527591

🌐 github.com/MathiLogha

🌐 linkedin.com/in/logha

Objective

Eagerly looking for a challenging role in a reputable organization to utilize my technical and management skills for the growth of the organization as well as to enhance my knowledge about new and emerging

Skills

Technical Skills

- Tools/ Libraries – Power BI, Matlab, Tensorflow, Sckit, Pandas, Keras, Orange, Weka, Excel, Dashboards
- Databases–MySQL, Mongo DB, Cassandra, Neo4j, Postgre
- Zoho Creator, Zoho CRM, Analytics
- Programming in C/C++, Java, Python, R
- Web Designing languages HTML, CSS, JavaScript, PHP, TypeScript, NodeJS, React, Ruby, React Native

Personal Skills

- Team Skills
- Self-Learning
- Good Stress Management
- Good Communication Skills
- Smart worker

Educational Qualification

B.Tech Artificial Intelligence And Data Science

Mepco Schlenk Engineering College, Sivakasi

2024

CGPA-8.07

Higher Secondary

Bharath vidya mandir (CBSE), Ilanjji , Tenkasi

2020

HSLC-80%

High School

Bharath vidya mandir (CBSE), Ilanjji , Tenkasi

2018

SSLC-86.6%

Area of Interest

- Artificial Intelligence and Machine learning
- Data mining and analysis
- Mobile app development
- Cloud computing
- Web Development

Experience

Dotnet Developer 2025

1 Year Experience – OJCommerce, Chennai

NET developer specializing in website development, backend with gRPC, Vault, Elasticsearch, Google Cloud Logs, and C# console applications using Microsoft libraries. Frontend expertise includes working with the Metronic framework for UI/UX design and development.

Internships	<ul style="list-style-type: none"> • Internship on Cloud Computing under the topic weather prediction analysis Uniq Technologies, Coimbatore • Automatic detection of sentiment from textual comments and feedback - TCS iON Remote Internship 	2022 2021
Academic Projects	<ul style="list-style-type: none"> • Personalized Chatbot using LangChain A chatbot built using Streamlit for the frontend and LangChain for natural language processing (NLP). The chatbot leverages an LLM-based pipeline to generate responses dynamically. Also the chatbot retrieves information from an SQLite database. • Anomaly detection and Caption generation on real-time video stream The combination of anomaly detection and video captioning frameworks for end-to-end surveillance applications. UCF-Crime dataset used. Weakly supervised multiple instance learning (MIL) technique for finding anomalies. Encoder-decoder based reinforcement learning framework and GRU model for caption generation for actual video, video captioning • Face Emotion Recognition deep learning system By using deep neural networks and python frameworks, a emotion recognition system created to detect emotion through computer vision • TamilNadu tourist guiding web application - MERN Using MongoDB, Express, ReactJS and NodeJS a web application been created to guide tourist visiting TamilNadu and hosted in web. • Online tow vehicle booking system Using HTML,CSS Bootstrap, php and MySQL a web application been created where nearest mechanic, tow service and workshop can be booked by user and hosted as a website. • Weather analysis prediction using cloud computing Using HTML,CSS,JAVASCRIPT,DJANGO (Python),Weather API created a website for weather prediction • Automatic music generation using RNN Using machine learning musical notes been generated using a simple recurrent neural network (RNN). Given a sequence of notes, model will learn to predict the next note in the sequence. • Movie ticket analysis system using NoSQL database By using modules like MongoDB and Node.js analysis is done based on ticket booked also used HTML, CSS and Javascript 	2025 2024 2023 2023 2023 2023 2022 2022 2022
Certifications	<ul style="list-style-type: none"> • Zoho Creator Developer - Associate - provided by Zoho • Completed Course on AI in Microsoft Power BI Certificate - Trained by Microsoft certified trainer - skillset platform • Completed Courses on Google Data Analytics Professional Certificate - Coursera • Kaggle Certified at Machine learning • Secured NPTEL certification in Natural Language Processing during Jan-Apr 2023 • Secured NPTEL certification in Machine Learning, Python for data science during Sept-Oct 2022 • Secured VMWare certification in Cloud and virtualization concepts provided by IT Academy Sept 2022 • Secured Celonis certification in Process Automation Bootcamp provided by Celonis Academy Sept 2022 • Secured Microsoft certification in Microsoft Power Platform Fundamentals Sept 2022 	2025

- Secured MATLAB Onramp certification in MathWorks, Training Services Oct 2021
- Coursera certified on web development with HTML, CSS, JavaScript

Aptitude Skill

- AMCAT 2023-2022
96% in Quantitative Ability
94% in Logical Ability
93% in Automata Fix

Workshops & Training

- Trained on AWS Cloud Practitioner course
- Trained in Java programming and DBMS on Infosys Springboard platform
- Workshop on Computer Vision for real applications
- Workshop on Capacity Building program, hardware

Co-Curricular Activities

- Paper Presentation under the topic Intelligent AutoML diagnosis and alert system through persistent auscultation of heart murmurs to heart ailments – proposed an idea for persistently monitor the heart and to prevent CVDs participated and won, PSG College of Technology 2022.
- Selected for 2nd round and active participation in IICC (Innovative India Coding Contest) on July 2022.

Extra-Curricular Activities

- Skilled Illustrator and Digital Artist, active in Behance(link)
- Office bearer and Software Developer in Photography Club in our College
- Office bearer and Event Management Head in Health Club in our College
- Active Organizer in Gyan Mitra'23, A National Level Techno Symposium conducted in our College 2023

Sports

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| • Asian book of records in Maximum People Solving 3x3x3 Rubik's Cube on Digital Platform - 2021 | National |
| • MSSC tournament (CBSE) Winner in Badminton - 2014 to 2020 | State |
| • Rope skipping champion - 2017 to 2019 | State |
| • TN trophy (SDFA) Winner in Badminton - 2015 to 2020 | District |
| • CM Trophy Winner in Cricket and Badminton - 2023 | District |
| • Anna University Winner in Badminton - 2021 to 2023 | District |

Personal Details

Father's Name: T. M. Mathivanan
 Mother's Name: M. Parameshwari
 Gender: Female
 Date of Birth: 19 November 2002
 Nationality: Indian
 Address: 288-A Railway road , Tenkasi District -627811

Declaration

I assure you that the above furnished details are true to my knowledge.

M. Logha

Place: Tenkasi

SIGNATURE