

# Logha Mathivanan

Artificial Intelligence and Data Science  
Mepco Schlenk Engineering College

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## 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 Aritificial Intelligence And Data Science

Mepco Schlenk Engineering College, Sivakasi 2024  
CGPA-8.07

### Higher Secondary

Bharath vidya mandir (CBSE), Ilanji , Tenkasi 2020  
HSLC-80%

### High School

Bharath vidya mandir (CBSE), Ilanji , 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.

<b>Internships</b>	<ul style="list-style-type: none"> <li>• Internship on Cloud Computing under the topic weather prediction analysis Uniq Technologies, Coimbatore</li> </ul>	2022
	<ul style="list-style-type: none"> <li>• Automatic detection of sentiment from textual comments and feedback – TCS iON Remote Internship</li> </ul>	2021
<b>Academic Projects</b>	<ul style="list-style-type: none"> <li>• <b>Personalized Chatbot using LangChain</b> 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.</li> </ul>	2025
	<ul style="list-style-type: none"> <li>• <b>Anomaly detection and Caption generation on real-time video stream</b> 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</li> </ul>	2024
	<ul style="list-style-type: none"> <li>• <b>Face Emotion Recognition deep learning system</b> By using deep neural networks and python frameworks, a emotion recognition system created to detect emotion through computer vision</li> </ul>	2023
	<ul style="list-style-type: none"> <li>• <b>TamilNadu tourist guiding web application – MERN</b> Using MongoDB, Express, ReactJS and NodeJS a web application been created to guide tourist visiting TamilNadu and hosted in web.</li> </ul>	2023
	<ul style="list-style-type: none"> <li>• <b>Online tow vehicle booking system</b> 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.</li> </ul>	2023
	<ul style="list-style-type: none"> <li>• <b>Weather analysis prediction using cloud computing</b> Using HTML,CSS,JAVASCRIPT,DJANGO (Python),Weather API created a website for weather prediction</li> </ul>	2022
	<ul style="list-style-type: none"> <li>• <b>Automatic music generation using RNN</b> 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.</li> </ul>	2022
	<ul style="list-style-type: none"> <li>• <b>Movie ticket analysis system using NoSQL database</b> By using modules like MongoDB and Node.js analysis is done based on ticket booked also used HTML, CSS and Javascript</li> </ul>	2022
<b>Certifications</b>	<ul style="list-style-type: none"> <li>• Zoho Creator Developer – Associate – provided by Zoho 2025</li> <li>• Completed Course on AI in Microsoft Power BI Certificate – Trained by Microsoft certified trainer – skillset platform</li> <li>• Completed Courses on Google Data Analytics Professional Certificate – Coursera</li> <li>• Kaggle Certified at Machine learning</li> <li>• Secured NPTEL certification in Natural Language Processing during Jan-Apr 2023</li> <li>• Secured NPTEL certification in Machine Learning, Python for data science during Sept-Oct 2022</li> <li>• Secured VMWare certification in Cloud and virtualization concepts provided by IT Academy Sept 2022</li> <li>• Secured Celonis certification in Process Automation Bootcamp provided by Celonis Academy Sept 2022</li> <li>• Secured Microsoft certification in Microsoft Power Platform Fundamentals Sept 2022</li> </ul>	

	<ul style="list-style-type: none"> <li>Secured MATLAB Onramp certification in MathWorks, Training Services Oct 2021</li> <li>Coursera certified on web development with HTML, CSS, JavaScript</li> </ul>	
<b>Aptitude Skill</b>	<ul style="list-style-type: none"> <li>AMCAT 2023-2022 96% in Quantitative Ability 94% in Logical Ability 93% in Automata Fix</li> </ul>	
<b>Workshops &amp; Training</b>	<ul style="list-style-type: none"> <li>Trained on AWS Cloud Practitioner course</li> <li>Trained in Java programming and DBMS on Infosys Springboard platform</li> <li>Workshop on Computer Vision for real applications</li> <li>Workshop on Capacity Building program, hardware</li> </ul>	
<b>Co-Curricular Activities</b>	<ul style="list-style-type: none"> <li>Paper Presentation under the topic <u>Intelligent AutoML diagnosis and alert system through persistent auscultation of heart murmurs to heart ailments</u> - proposed an idea for persistently monitor the heart and to prevent CVDs participated and won, PSG College of Technology 2022.</li> <li>Selected for 2nd round and active participation in IICC (Innovative India Coding Contest) on July 2022.</li> </ul>	
<b>Extra-Curricular Activities</b>	<ul style="list-style-type: none"> <li>Skilled Illustrator and Digital Artist, active in <a href="#">Behance</a> (link)</li> <li>Office bearer and Software Developer in Photography Club in our College</li> <li>Office bearer and Event Management Head in Health Club in our College</li> <li>Active Organizer in Gyan Mitra'23, A National Level Techno Symposium conducted in our College 2023</li> </ul>	
<b>Sports</b>	<ul style="list-style-type: none"> <li>Asian book of records in Maximum People Solving 3x3x3 Rubik's Cube on Digital Platform - 2021</li> <li>MSSC tournament (CBSE) Winner in Badminton - 2014 to 2020</li> <li>Rope skipping champion - 2017 to 2019</li> <li>TN trophy (SDFA) Winner in Badminton - 2015 to 2020</li> <li>CM Trophy Winner in Cricket and Badminton - 2023</li> <li>Anna University Winner in Badminton - 2021 to 2023</li> </ul>	National State State District District District
<b>Personal Details</b>	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	
<b>Declaration</b>	I assure you that the above furnished details are true to my knowledge.  <div> <div>Place: Tenkasi</div> <div>M. Logha SIGNATURE</div> </div>	