**MAHA LAKSHMI K**

**Email:** [mahalaskshmi54235@gmail.com](mailto:mahalaskshmi54235@gmail.com) **Phone:** 7708234291

**Address:** vendurayapuram, sivakasi , Virudhunagar dist

**Linkedin:** <https://www.linkedin.com/in/maha-lakshmi-k-23745029a>

**Objective:**

To leverage my knowledge and skills in machine learning, data science, and web development to contribute to innovative projects and solve real-world challenges. Committed to applying technical expertise, problem-solving abilities, and teamwork in a dynamic environment to deliver impactful solutions.

**Education**

**Bachelor of Technology in Artificial Intelligence and data science**   
Ramco Institute of Technology , Rajapalayam   
2022-2026 Cgpa : 7.91(upto fourth semester)

* Relevant Coursework: Machine Learning, Data Science, Web Development, Algorithms, Database Management

**Higher secondary**

**Arasan Ganesan Matriculation Higher Secondary School**

2022 Percentage : 78%

**Technical Skills :**

**• Programming Languages:** Python, Java

**• Frameworks/Tools:** Django, Flask, Scikit-Learn, Pandas, NumPy

**• Web Development:** HTML, CSS, JavaScript

**• Machine Learning:** Data Preprocessing, Model Building, Evaluation

**• Tools:** Jupyter Notebook, VS Code, Git

**• Database Management**: SQL

**Certification**:

Python Program for Beginners (Udemy) (2022)

Data structures And Designs (Udemy) (2023)

Introduction to Artificial Intelligence And Deep Learning(Udemy) (2023)

Artificial Intelligence A comprehensive Guide (Simplilearn) (2023)

Introduction to SQL A query Language(cursa) (2023)

Database Management Systems (Udemy) (2024)

Introduction to data exploration using machine learning (Coursera) (2024)

Data Exploration and Visualisation using Python(Udemy) (2024)

Design And Analysis of Algorithms Master class (Udemy) (2024)

Introduction to Machine Learning (Simplilearn) (2024)

Introduction to Data Analytics (Simplilearn) (2024)

Data science And Analysis Using Python (Udemy)(2024)

Fundamentals Of Operating Systems (Udemy)(2024)

Cisco Certification on networking Basics(2024)

Data science using DJANGO (Simplilearn)(2024)

Deep learning for developers(Infosys Spring Board)(2024)

Big Data 301(Infosys Spring Board)(2024)

**Internships :**

**Codsoft (Artificial Intelligence)**

Duration : 09/2023 - 10/2023,

This is an One month Internship From Which I had Earned Knowledge about domain Artificial Intelligence Which would be further useful to explore the AI

Tasks Given : Tic Tac toe , Movie Recomentation System , Simple Chatbot

**Technohack (Data Science)**

Duration : 11/2023 - 12/2023,

Here During this Internship I Had Learn some of Cleaning Techniques And

Some Other Data handling Techniques This Inter plays important role in

gaining Knowledge About Data Science

Task Given: House Price Prediction ,Email Spam Prediction ,Heart Disease Prediction

**Encryptix (Machine Learning) :**

Duration : 6/2024 – 7/2024

Task given : Customer Credit card prediction , SMS spam Detection , Customer Churn Prediction

**Code Alpha (Front end Development) :**

Duration: 8/2024 – 9/2024 ,

Task Given: Interactive Image Gallery Navigator , Simple Digital Calculator , Personal Portfolio

**Professional Experience**

**Machine Learning & Data Science Intern**  
**IGRESS Solutions LLP** | June 2024 – June 2024

* Worked on **Credit Card Fraud Detection** using machine learning techniques.
* Gained hands-on experience in **data preprocessing, model building, and evaluation**.
* Collaborated under the guidance of **Balaji Subramanian** to deliver a functioning fraud detection system.
* Applied algorithms such as Logistic Regression, Decision Trees, and Random Forests for model optimization.
* Analyzed model performance and presented findings to stakeholders effectively.

**Projects:**

**Web Development Portfolio**

* Built an interactive website showcasing curricular and extra-curricular activities.
* Designed forms for projects, hackathons, sports, and dance activities with teamdetails.
* Tools Used: Django, HTML, CSS, JavaScript

**Song Lyrics Generator** *(Ongoing Project)*

* Designed a platform to generate and display Tamil song lyrics from a CSV dataset.
* Integrated audio playback with lyrics synced to the song's voice.
* Tools Used: Python, Django, Pandas, HTML, CSS, JavaScript