|  |  |
| --- | --- |
| ***MAHALAKSHMI M***  ***Python | Machine Learning | Data Science***  ***Power BI | Java | SQL*** | +91 9943155891  mahalakshmi4405@gmail.com  Srivilliputhur, Tamil Nadu 626125  <https://www.linkedin.com/in/maha4405> |

***Objective:***

Aspiring data science professional with a strong mathematical foundation and a passion for data-driven solutions. Skilled in analytical thinking and problem-solving to drive business insights and support data-driven decision-making. Eager to collaborate with a forward-thinking team to enhance expertise and deliver impactful results.

***Key Skills:***

Python, Java, SQL | Supervised & Unsupervised Learning | Data Cleaning, Manipulation & Visualization | Power BI, MS Excel, Word, PowerPoint | HTML, CSS

***Educational Qualification***

|  |  |  |  |
| --- | --- | --- | --- |
| **Qualification** | **Institution** | **Marks** | **Batch** |
| B.Tech  (Artificial Intelligence and Data Science) | Ramco Institute of Technology,  Rajapalayam | 8.07  CGPA (Till 5th Semester) | 2022-2026 |
| HSC | M.N.R.D Girls Higher Secondary School,  Srivilliputhur | 80% | 2021-2022 |
| SSLC | M.N.R.D Girls Higher Secondary School,  Srivilliputhur | 81% | 2019-2020 |

***Internship Detail***

**Intern – Machine Learning Jun’24-July’24**

**Igress Solutions LLP, Remote**

* Performed real estate data analysis and built ML models with focus on visualization, feature engineering, and evaluation.

**Intern – Machine Learning Jan’24-Feb’24**

**Prodigy Infotech, Remote**

* Applied Data Science techniques such as cleansing and analyzing data using python libraries.

**Intern - Machine Learning Sep’23**

**Elysium, Madurai**

* Developed a credit model using Python
* Applied skills in data analysis, machine learning algorithms, and programming.

**Intern- Data Scientist Sep’23 – Oct’23**

**Codsoft, Remote**

* Assisted in building data science model along with Python

***Projects***

Credit ML: Risk Analysis

* Implemented Decision Tree and Random Forest to enhance credit risk prediction and feature selection.

Real Estate Prediction

* Built a model to predict property prices using key features and market trend analysis.

Healthcare Chatbot

* Developed an AI chatbot using NLP for symptom recognition, self-care advice, and doctor consultation.

Ransomware Detection

* Built a ransomware detection system using LSTM networks to accurately identify and classify malicious activities

***Certification***

* Certified ***Microsoft Power BI Analyst Associate*** from ICTAcademy authenticated by Microsoft in March’24
* Completed ***Data Science with Python*** with SimpliLearn by November’23
* Completed ***Certification program in Data Science*** offered by Digital Adda in January’23
* ***Data Analytics Essentials*** by Cisco Network Academy in November’23

***Workshops & Conferences***

* Participated in a workshop on **Research Opportunities in Computer Science**, Kalasalingam Academy, Mar 2025.
* Presented a paper on **Edge Computing with Volunteer Resources** at IEEE ICRTT 2K25, NSCET, May 2025.