



# Lakshmi

## Senior AI Engineer

### LINKEDIN

<https://www.linkedin.com/in/lakshmi-monica-s-a29a9021b/>

### GITHUB

<https://github.com/LakshmiMonicca>

### EDUCATION

**MCA (2017-2019)**

**BCA (2014-2017)**

### SKILLS

- Python (NumPy, Pandas)
- Machine Learning Algorithm
- *Data Visualization:* Excel, Matplotlib, Power BI, Seaborn.
- *AL Algorithm training:* OpenCV, Image Processing, PyTorch, TensorFlow

### PROJECT EXPERIENCE (August 2022 - August 2023)

#### IITM Advanced Professional Programming with Master data Science

- Machine Learning Model building (Classification, Regression and Clustering model)

Tech Stack:

Python (Matplotlib, Pandas), Model Building, Machine Learning Algorithm.

### CERTIFICATE

#### IITM Advance Professional programming with Master data science Program

Certificate Link:

<https://www.guvi.in/certificate?id=X1A67P30s3w8Z3465o>

### WORK EXPERIENCE

#### Accenture (December 2024– Present)

Senior AI Engineer

##### Responsibility

- ☐ Clean and preprocess large datasets to ensure high-quality data for machine learning model training.
- ☐ Perform exploratory data analysis (EDA) to identify patterns, outliers, and data inconsistencies.
- ☐ Handle missing data, outlier detection, and normalization processes to improve model performance.
- ☐ Test and validate data to ensure it meets the requirements for machine learning model input.
- ☐ Document data preprocessing procedures and maintain data quality standards.

#### Ford (August 2023 – December 2024)

Senior Software Engineer

##### Responsibility

- ☐ Automated the annotation process using advanced AI algorithms, improving efficiency and accuracy in data labelling.

## CONTACT

[laakshmimonica@gmail.com](mailto:laakshmimonica@gmail.com)

8124791507

1D, Kgyes Agastia,  
Kamaraj nagar west  
Thiruvannmiyur,  
Chennai-41

**DOB:** 22-08-1997

- ☐ Implemented machine learning-based annotation techniques for image and video data used in training AI models.
- ☐ Collaborated with cross-functional teams to understand annotation requirements and refine AI model inputs.
- ☐ Developed and optimized algorithms for selecting relevant training data to improve machine learning model performance.
- ☐ Designed and implemented a user-friendly graphical user interface (GUI) for automatic image annotation in image processing tasks.
- ☐ Ensured the quality and consistency of annotated data by conducting regular reviews and improvements.
- ☐ Optimized AI algorithms for scalability and real-time processing of large datasets.
- ☐ Conducted performance tuning on the AI annotation system to reduce latency and increase throughput.
- ☐ Worked closely with QA teams to ensure the integrity and accuracy of annotated datasets used for model training.