



Moni

Senior AI Engineer

LINKEDIN

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

GITHUB

<https://github.com/LakshmmiMonicca>

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)

II TM 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

IIT M 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

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- ☐ 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.

HCL Technologies (April 2022 – August 2023)

Software Engineer

Responsibility

- ☐ Developed a dynamic, interactive dashboard in Power BI for data visualization and reporting.
- ☐ Integrated various data sources, including databases and APIs, to provide real-time insights into key metrics.