

# (Thomas) Hein Thura

## Machine learning Engineer and Data Scientist

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🌐 - [Thomas Hein Thura.com](https://ThomasHeinThura.com)(personal website)

🚀 - [@LinkedIn](#) | [@Kaggle](#) | [@GitHub](#) | [@Medium](#)

### Summary

**Google-certified TensorFlow developer**, machine learning enthusiast and **Linux enthusiast** with a strong background in the medical field, and **1.5 years** of working experience as a Freelance Machine Learning and Data Scientist

### EXPERIENCE PROJECTS

#### Freelance Data scientist and Machine Learning Engineer

November 2021- Present

Location - Myanmar

Successfully solved industry-complex **data storage**, **data modeling**, and **machine learning** problems using machine learning and deep learning techniques.

- Developed an 80% accuracy **fraud detection classification model for local bank sectors**, **optimizing accuracy**, reducing false positives, and addressing data engineering workload.
- Implemented an **automatic ETL pipeline** that lead to reducing the data engineering workload by **10%** and ensure monitoring of real-time data drift, data qualities and model performance.
- Built a **Text Summarization website** as a personal hobby project, leveraging natural language processing techniques and testing with state-of-the-art models.
- Utilized oversampling and undersampling techniques to address **imbalanced datasets**, searching for noise patterns, improving model generalisation by 30%, and achieving 99% accuracy.
- Developed models for **weather temperature detection** and energy price detection using time series analysis.

### Achievement

Google TensorFlow Developer Certificate ([@link](#))

### Skills

- |                |                 |           |
|----------------|-----------------|-----------|
| • Scikit Learn | • TensorFlow    | • Pandas  |
| • NumPy        | • Prefect orion | • MLFlow  |
| • SQLite       | • PostgreSQL    | • Docker  |
| • Matplotlib   | • EvidentlyAI   | • Seaborn |
| • GitHub/ Git  | • AWS           | • Python  |
| • C++          | • Linux         | • VIm     |

### Languages

- **English** - Business Level proficiency
- **Myanmar** - Native

### Education

**Final year medical student** studied at the University of Medicine 2, Yangon, Myanmar.

### Soft skills

- **communication**
- **organisation skills**
- **problem-solving**
- **time management**
- **Strong leadership**
- **task prioritisation skills.**
- **Generalize** real-time problems

### CURRENT PROJECTS

- Personal website
- ETL website
- Projects on UW-Madison GI Tract Image Segmentation,