# Thian Lian Ben

Data Science / Mobile Developer

## Contacts

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## Work Experience

### Web development Internship    3 months
**Pearl Yadanar Co., Ltd | Yangon ( Myanmar )**

- Developed and maintained web applications using Vue.js and Vuex for state management.
- Implemented responsive design and cross-browser compatibility using CSS frameworks like Bootstrap
- Led a team of 50 interns in a group project to develop a new software application for the organization.

### Mobile developer / Outsystem developer    Dec, 2019 - Oct, 2021
**Weeswares Company (SG-based) | Myanmar**

- Developed and maintained cross-platform mobile applications using React Native.
- Worked with Redux for state management and RESTful APIs for data integration.
- Collaborated with designers, product managers, and backend developers to deliver high-quality mobile applications on time and within budget.
- Worked with senior developers from Singapore.
- Developed and maintained websites using Out-system (Low-code development)
- Created reusable components and modules, adhering to best practices for maintainability and scalability.

## Project Experience

### Morning Star application, Developer

- Developed mobile and web application using ReactJS, React Native.
- Collaborated with designers, project managers and backend developers.
- Designed and implemented app features such as user authentication, push notifications, and real-time chat using Firebase Cloud Messaging and Cloud Firestore.
- We could deliver this project to customers. *( Morning Star – Apps on Google Play )*

### Vakul mobile application, Developer

- Developed mobile application ( movie app ) using Flutter.
- Designed and implemented app features such as user authentication, push notifications.
- Integrated PayTM platform in the application.

### Sentiment analysis, NLP

During my academic studies, I conducted a thesis project on sentiment analysis to analyze customer feedback on a new product. As part of the project, I was responsible for designing and implementing a machine learning model to classify the sentiment of customer reviews and feedback as positive, negative, or neutral. I used a combination of natural language processing (NLP) techniques and machine learning algorithms to preprocess the data and train the model.

## About Me

I am Thian Lian Ben, from Myanmar. I am a skilled mobile developer with 1 years of experience in developing user-friendly and innovative apps for various platforms. In order to further my knowledge and skills in computer engineering, I made the decision to leave my job and pursue a master's degree in India. During my time in India, I had the opportunity to study a range of subjects, including artificial intelligence and its applications in the industry. I successfully completed my master's degree and gained valuable insights into the world of AI. I am passionate about the potential of AI to revolutionize the industry and I am eager to apply my skills and knowledge to work in this exciting field.

## Education

### Master of Technoloy in Computer Engineering
**Marwadi University, India**
2021 - 2023

### Bachelor of Computer Science
**Kalay Computer University**
2014 - 2019

## Skills

- Machine Learning
- Deep Learning
- React-native
- Flutter
- Java
- Python
- Power BI

During my academic studies, I conducted a thesis project on sentiment analysis to analyze customer feedback on a new product. As part of the project, I was responsible for designing and implementing a machine learning model to classify the sentiment of customer reviews and feedback as positive, negative, or neutral. I used a combination of natural language processing (NLP) techniques and machine learning algorithms to preprocess the data and train the model.

Specifically, I used Python and libraries such as Scikit-learn, NLTK, and Pandas to clean and preprocess the text data, and train and evaluate the machine learning model. Through this process, I gained experience in data cleaning and preprocessing, feature engineering, and machine learning model selection and evaluation.

I have published one conference paper in InCACCT-2023 INTERNATIONAL CONFERENCE ON ADVANCEMENT IN COMPUTATION & COMPUTER TECHNOLOGIES. It is already accepted and there is a conference at 5 May - 6 May, 2023.

I am going to publish one journal paper again. Here I provided the implementation code: *salaithianlianben/empirical-sentiment-analysis (github.com)*

## Emoji Sentiment analysis, NLP

- Emoji to Word Conversion Sentiment analysis -> Method I
- Emoji Sentiment analysis -> Method II
  Source code: salaithianlianben/emoji-sentiment-analysis (github.com)

## Data analysis projects using Pandas

- Indian Premier League analysis
- Customer Service Complaints analysis
- Netflix Content Analysis
- data_analysis_projects/Indian Premier League analysis at main · salaithianlianben/data_analysis_projects (github.com)
- customer_data_analysis
- sale-analysis-pandas
- student_mental_health_analysis_and_visualization_using_python_pandas
  Source code: *salaithianlianben/data_analysis_projects (github.com)*

# CERTIFICATES

- **Master of Technology in Computer Engineering, Marwadi University, India**
  Successfully completed a two-year program in Computer Science, including courses in artificial intelligence, database management, and software engineering. Expected to receive certificate in Dec 2023.

- **Bachelor of Computer Science, Kalay Computer University, Myanmar**
  Graduated with a degree in Computer Science, with a focus on software development, database management.

- **Web Development Internship program, Pearl Yadanar Co., Ltd, Myanmar**
  Successfully completed a 13-week internship at Pearl Yadanar Company, assisting with software development projects and gaining experience.

- **Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization, Coursera, 2022**
  Completed an online course in Deep Neural Networks

- **Python Basics, Coursera**
  Completed an online course in Python programming

- **Power BI: Financial Data Analysis using Power BI 2023, Udemy**

# References

## Thet Naing

Weeswares / Country Manager

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