Thian Lian Ben

Full Stack Developer / AI Engineer

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Work Experience

Web development Internship   3 months
Pearl Yadanar Co., Ltd l 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) l 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)

AI Engineer   July, 2023 - Feb, 2024
Global Walker Myanmar (Japan-based)

- Developed the system for detection person from capturing camera (*YOLOX* pre-trained models)
- Integrated it into Mobile application
- Implemented the person detection system for Japanese restaurant, which is used for analytics for staff movement using *YOLOX* pre-trained models.
- Implemented OCR (Optical Character Recognition) application using C#.

Full stack developer / AI developer   Jan, 2023 - Now
HypeCycle (UK based) Company - working remotely in Bangkok

- Developed web applications using AWS with python / React. (CV Validator, Landloard OCR, SwiftWriter)
- Integrated the applications with LLM (large-language models)

Full stack developer (Part-time)   June, 2023 - Now
Antares Byte - working remotely in Bangkok within weekend days only

- Developed web applications using Supabase / React - typescript.

About Me

I am Thian Lian Ben, from Myanmar. I am a skilled full stack developer with 1 years of experience in developing user-friendly and innovative apps for various platforms and half year experience as AI engineer. 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 project management 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

- Python
- Deep Learning
- React JS and Native
- Flutter
- C#
- Java
- Computer Vision
- Machine Learning
- Typescript

Project Experience

NLP Research Project: Sentiment Analysis for product reviews
Duration: October 2022 - August 2023

- Published a research paper titled "[Detecting Sentiment Polarities with Comparative Analysis of Machine Learning and Deep Learning Algorithms](#)" in an international conference proceedings in IEEE, contributing to the field of sentiment analysis and natural language processing.
- "*An empirical study of feature representations on product reviews for sentiment analysis*" journal paper is submitted to IEEE (Already approved)

ROS + YOLOX + Flutter

- Implemented the small project to detect objects from capturing the videos using FLutter.
- Excuted the project on Ubuntu device and communicate the front-end Flutter via IP address.
- https://github.com/salaithianlianben/yolox_ros/tree/master (ROS + YOLOX)
- https://github.com/salaithianlianben/ROS2-YOLOX-Flutter (Flutter)

C# WPF (ExcelDX project)

- Developed the window desktop application which is used for Recognizing text from Images and helped to Human Error Checking.
- Implemented drawable rectangle over the image with mouse dragging and handle with Zoom and Panning level of the image
- Developed editable excel cell data from the application
- To be able to run Excel Macro through the applicaiton

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*).

School Projects

- Developed MySQL project for Bus Booking Management System
- Developed HR Management System using VueJS and C#. Net.
- Implemented Women Safety Applicatoin using FLutter as Startup project (pending)

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.

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