

HNINN EI KHAING @ EMILY

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PROFILE

I hold a Graduate Diploma in Systems Analysis from NUS-ISS and a bachelor's degree in business administration, giving me a strong foundation in both software development and business processes. Currently, I work as a Business Analyst at FXOLIF in the transformer materials industry, where I bridge technical solutions with business needs through data analysis, reporting, and process improvement.

Previously, I served as a Web Developer at NTT Data Inc. Singapore, where I honed my skills in JavaScript, React, and OutSystems. Across both roles, I have gained extensive hands-on experience in SAP, including creating custom print layouts, designing query reports, building Crystal Reports, and implementing formatted searches to support management decision-making.

I am adaptive, innovative, and eager to grow. With a strong interest in IT, I aim to further specialize in data analysis and enterprise systems, contributing to cross-functional teams with my combined technical and business expertise.

TECHNICAL SKILLS

Languages: JavaScript, C#, Java, Python

Front-End: HTML5 & CSS3, ReactJS, Tailwind CSS, Bootstrap, jQuery

Back-End: ASP.NET, Java Spring Boot, Node.js

Databases: MSSQL, MySQL (with strong focus on SAP Query Management)

Tools & Technologies: Git, Docker, AWS

Low-Code Platforms: OutSystems

Microsoft Office Suite: Advanced Excel (formulas, pivot tables, macros for analytical reporting), Word, PowerPoint

SAP Business One: System administration, user and authorization management, crystal report customization, and print layout configuration,

EDUCATION

National University of Singapore (ISS)

Graduate Diploma in Systems Analysis, FEB 2023 to Mar 2024

Birmingham City University (United Kingdom)

B.A (Hons.) in Business Administration, 2018 – 2019

Kaplan Business Institute (Singapore)

Diploma in Accounting & Management, 2014 - 2015

Yadanabon University (Myanmar)

B.A in English, Linguistics Major, 2005 - 2007

NCC Education (United Kingdom)

International Diploma in Computer Studies, 2004 – 2005

WORK EXPERIENCE

FAXOLIF (TRAFOMATERIAL SINGAPORE) – Business Analyst (Aug 2024 – Current)

- **SAP Business One Administration:** Administer and configure SAP B1, including user roles, authorizations, report customization, and print layout development and Crystal report to support business operations.
- **Reporting & Data Analysis:** Design and develop management reports using SAP query reports, Crystal Reports, and advanced Excel functions (pivot tables, complex formulas, and macros).
- **Financial Operations:** Perform financial tasks including Accounts Payable (AP), Accounts Receivable (AR), monthly financial reports, and support in audit preparation.
- **Logistics & Inventory Management:** Implement and enhance smart stock management systems covering warehouse processes, serial/batch tracking, and coded location-based inventory mapping.
- **Business Process Improvement:** Collaborate cross-functionally to analyze business processes and deliver data-driven solutions that improve efficiency and decision-making

NTT Data Inc Singapore – Web Developer (Sept 2023 – May 2024)

- **EVA Chatbot Integration:** Integrated the EVA Chatbot solution (developed by NTT) with Soul Machine UI, and enhanced features with ReactJS. Java Spring Boot backend API to deliver specific responses based on user requirements for AI Chatbot Solution.
- **OutSystems Development:** Designed and implemented UI in OutSystems, integrating APIs from NXT Mobility (developed European team) to enhance EV Charging Management Systems (EV CMS).
- **JavaScript Customization:** Overcame OutSystems library constraints by implementing JavaScript solutions to boost up the system's interactivity and performance.
- **SQL Database Integration:** Managed SQL database integration and utilized SQL procedures to display specific data on the web UI, ensuring efficient data handling and storage.
- **Sprint Planning and Reporting:** Effectively managed sprint planning and reporting using *Jira*, ensuring timely delivery of project milestones.

HB Book Centre - Office Secretary (July 2013 - October 2022)

- **Administrative Support:** Performed a broad range of administrative
- **Secretariat Support:** Provided comprehensive corporate secretariat support to the Management Committee.
- **Retail Sales Report:** Followed up on and updated retail sales reports to maintain accurate and up-to-date records.
- **Meeting Coordination:** Assisted in the arrangements of meetings, ensuring all necessary documentation was prepared and distributed in a timely manner.
- **Vendor Coordination:** Coordinated with vendors to arrange orders, ensuring timely delivery and daily distribution needs.
- **Logistics and Facilities Management:** Facilitated logistics and handled all facility-related needs.
- **Accounting Responsibilities:** Managed accounting tasks, including invoicing, balance sheets, profit/loss

statements, and handling monthly and annual closing, as well as managing accounts payable and receivable using Microsoft Excel.

- **Compliance Monitoring:** Kept up to date with statutory requirements and legislations.

I received sponsorship from (HB Book Centre) to complete both my diploma and degree programs in Singapore.

ACADEMIC PROJECTS

Shopping Cart Application (ASP.NET Core Functionalities)

- **Frontend Development:** Implemented frontend using C# Razor View, including shopping cart, authentication, browsing, and checkout pages.
- **Shopping Cart:** Added AJAX to the shopping cart for smooth updates and easy navigation across pages.
- **User Access:** Set up a secure login system with access to user accounts and purchase history.
- **Search & Purchase Records:** Added search, browsing features, and managed activation codes and purchase records.
- **User Feedback:** Built a system for users to leave reviews and ratings.

Image Classifier for Fruits (Python, Machine Learning)

- **CNN Design & Training:** Designed and trained a Convolutional Neural Network (CNN) for image classification.
- **Image Augmentation:** Applied image augmentation and data balancing techniques to improve model performance.
- **Performance Evaluation:** Evaluated performance using accuracy metrics and visualization plots.

Course Application Processing System (Java, Sprint Boot, HTML, CSS)

- **Comprehensive UI:** Developed a user interface for marketing, news, and campus-related content.
- **Role-Specific Interfaces:** Created separate interfaces for administrators, students, and lecturers.
- **CRUD and SQL Management:** Managed courses, enrolments, grades, and student profiles with CRUD operations and SQL.
- **Additional Features:** Added pagination, confirmation emails, and an integrated calendar.

Songs Suggestion Web Application – (Java, Spring Boot, ReactJS, API)

- **Python ML Integration:** Used machine learning classifiers to suggest music with similar tastes to users and identified the most repeated songs based on regional and global trends.
- **Geocoding & Time Tracking:** Tracked user location with geocoding and time data, suggesting songs when similar conditions occur.
- **Database Interaction:** Employed jQuery to retrieve and display time-based song suggestions from the database.
- **Data Mapping:** Managed datasets of specific songs (e.g., national anthems, Christmas, New Year) and provided suggestions based on user location, current date/time, and nationality.

PERSONAL PROJECTS

Membinaskincare (Web Application using ASP.NET, MSSQL, HTML 5, Tailwind, Bootstrap, CSS)

- **Multi-Currency Support:** Developed an e-commerce website with different currencies.
- **CRUD Operations & Roles:** Implemented CRUD for user registration and product management, including role-based access using Enum.
- **Shopping Cart & Checkout:** Built a shopping cart and checkout system with status tracking (ordered, paid, delivered).
- **Photo Management:** Enabled users to upload and download photos using JavaScript and S3-AWS.
- **Dynamic Pricing:** Used database procedures and JavaScript to adjust product prices based on updated currency rates.

Chatbot Solution (NodeJS, Bot press, GPT-API)

- **Chatbot Development:** Created a chatbot solution to provide skincare tips and answer FAQs related to the webpage.
- **Botpress Integration:** Designed conversation flows using botpress nodes, combining AI-generated tasks with dynamic scripted answers.
- **Front-End Integration:** Embedded the chatbot into the webpage's front end using JavaScript and API calls.

SOFT SKILLS

- **Market Awareness:** Proactively stay updated on industry trends, market conditions, and competitors' products and pricing to make informed decisions and provide valuable insights.
- **Customer Satisfaction:** Skilled in identifying and resolving customers' concerns, providing excellent customer service, and building strong relationships.
- **Communication:** Possess strong interpersonal skills, enabling fast and effective communication with team members, clients, and stakeholders.
- **Team Collaboration:** Act as a team player, fostering a positive and collaborative work environment while contributing to the success of the team.
- **Time Management:** Capable of managing daily schedules and prioritizing tasks to ensure maximum productivity and efficiency.

REFERENCE

Upon Request !