

Loben Klien Tipan

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WORK EXPERIENCE

Graduate Software Engineer, ITRS Phils Inc., September 2024 - Present

- Engineered critical automation for Azure and AWS Marketplace candidate image testing, slashing release cycle times by 90% and significantly enhancing deployment reliability.
- Spearheaded the migration of database testing environments from on-premise servers to on-demand AWS nodes, boosting test data availability and reliability while reducing infrastructure costs by an estimated 20%.
- Engaged in cross-functional automation projects across QA, Dev, and Support, streamlining CI/CD pipelines to accelerate deployment cycles.

Insights and Analytics Intern, Coca-Cola Beverages Philippines Inc., March - July 2024

- Analyzed RTD (Ready-to-Drink) and other beverage category sales across 10+ South Luzon accounts, uncovering under-performing SKUs and informing next-month promotional plans.
- Extracted and consolidated sales data from multiple sources, creating dynamic charts and visualizations to support data-driven decisions.
- Compiled and distributed monthly reports, leveraging advanced Excel functionalities to analyze and synthesize data, enhancing understanding of customer behaviors and sales performance.

Product Management Intern, Shopee Philippines Inc., May - September 2023

- Coordinated UAT cycles for 5 return/refund, marketplace, and logistics features—documenting issues, driving fixes, and ensuring on-time launch.
- Assisted the Local Product Team in presenting features to stakeholders through demos and information cascades.
- Developed training materials (decks) for internal teams to ensure knowledge transfer of new product functionalities.

PROJECT EXPERIENCE

Harbor.ph – Technical Co-founder, January - April 2025

- Designed and developed the front-end and back-end of harbor.ph, an event marketplace, using Vue, Bootstrap, and Firebase.
- Successfully launched the website, achieving 10,000 organic traffic within the first week.
- Spearheaded the successful registration of over 1,000 attendees for a key event.

Filipino Sign Language Translation through Transfer Learning (B.S. Thesis / Publication), Co-author, 2024

- Developed and trained a deep learning model to translate Filipino Sign Language (FSL) gestures into text/speech using Computer Vision and Transfer Learning techniques.

University Recruitment Week Website, Frontend Development Team, 2022

- Developed and maintained the Recruitment Week site's front end for seamless org sign-ups and info updates.

EDUCATION

De La Salle University, Manila

- Bachelor of Science in Computer Science Major in Software Technology, *Graduated October 2024*
- Relevant Courses: **Data Structures & Algorithms, Intelligent Systems, Advanced Programming Theory**
- Activities/ Awards: Dean's Lister 3rd Term A.Y. 2019-2020, Dean's Lister 2nd Term A.Y. 2020-2021

SKILLS & INTERESTS

- Technical: **Python, Java, C, SQL, HTML, CSS, Docker, Git, JIRA, Azure, AWS, Google Cloud, Agile**
- Languages: **Fluent English, Native Filipino**
- Interests: Product Development, Data Analytics, Fintech, Crypto technology, Sports Analytics