

# LANCE SAMUEL N. BALLESTEROS

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## SKILLS

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**Programming Languages:** JavaScript, HTML, CSS, Java, Kotlin, PHP

**Web Frameworks/Libraries:** ReactJS, Next.js

**Databases:** MySQL, Supabase

**Libraries:** Material UI, Tailwind CSS, Framer Motion, Bootstrap, XAMPP, jQuery, SWR, Axios

**Others:** Figma, Git/GitHub, GitHub Desktop, Bitbucket

## WORK EXPERIENCE

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### SOFTWARE DEVELOPMENT INTERN

CRECIENDO PHILIPPINES

#### Business Information Management System (BIMS) & Website |

Next.js, MongoDB, Tailwind CSS, Daisy UI, AWS

*June 2024 – September 2024*

- Streamlined and refactored website codebase, decreasing lines of code and significantly enhancing responsiveness and performance for a better user experience
- Developed inventory and ticket management features for BIMS using Next.js, including real-time data updates and take advantage of server-side rendering.
- Designed MongoDB schemas and implemented CRUD operations to optimize data handling.
- Managed signing processes for AWS S3, ensuring secure data storage and integration.
- Collaborated with project manager and developers via Bitbucket, effectively handling multiple tasks and teamwork.

## THESIS

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**WEWO** | Next.js, Supabase, Typescript, Tailwind CSS, Shadcn UI, SWR

*Nov 2024 – March 2025*

<https://wewo-website.vercel.app/> | <https://github.com/Lance-07/wewo-website>

- Developed and maintained scalable, high-performance web applications using Next.js and Tailwind CSS.
- Built reusable, accessible UI components leveraging Shadcn UI (e.g., toast notifications, dialog modals, menus).
- Designed and implemented robust APIs for seamless data communication with WEWO's Raspberry Pi machine.
- Integrated Cron-job for reliable task scheduling and automation of backend processes.
- Ensured responsive, user-friendly web interfaces with alignment to Figma prototypes.
- Implemented SWR for efficient data caching, significantly improving performance and ensuring data freshness.
- Guided development team members on best practices for efficient web development.

## PROJECTS

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**SAVEASTRAY** | ReactJS, Tailwind CSS, Material UI, Framer Motion, React Router DOM, Vite, Axios

*Jan 2024 – May 2024*

<https://save-a-stray.vercel.app/> | <https://github.com/RockyBalbonys/SaveAStray>

- Created intuitive and user-friendly interface components to ensure seamless user experience using Material UI and Tailwind CSS design for it to be fitted to the theme of the project while ensuring the responsiveness of the website.
- Implemented engaging animation using Framer Motion and added dynamic navigation using React Router DOM for enhanced user interaction.
- Learn how to collaborate with others using GitHub and manage version control of the project using Git.
- Utilize React hooks such as useContext, useState, useEffect, etc. and use Axios to efficiently fetch and manage data within the application.

## EDUCATION

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### UNIVERSITY OF CALOOCAN CITY

BS Computer Science – Cum Laude

*Caloocan City, Metro Manila*

*2021 – Present*

### SOUTHEAST ASIA INSTITUTE OF TRADE AND TECHNOLOGY

Senior High School – CSS

*Quezon City, Metro Manila*

*2019 - 2021*