

# Terence Dave R. Natad

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Junior Frontend Developer with hands-on experience building responsive and user-friendly web applications using React.js and Tailwind CSS. Strong foundation in UI/UX principles, component-based development, and modern frontend workflows. Passionate about writing clean, maintainable code and continuously improving skills while contributing to visually polished and accessible user interfaces.

## Projects

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### Capstone Project – Home Security Sound Detection and Recognition System Using IOT and Machine Learning

- Developed a **real-time home security system** using **sound detection** to identify potential intrusions.
- Developed **machine learning models** to accurately classify different types of sounds for security alerts.
- Developed an **IoT-based alert system** that sends notifications to users' devices upon detecting unusual sounds.
- Developed a **user-friendly interface** to monitor sound events and system status.
- Developed a **scalable system architecture** integrating sensors, backend processing, and notification services.

### Software Engineering Project - Wmsu SHS Student's Behavior/Performance-Based Grade Calculation System

- Developed a **behavior and performance-based grade calculation system** for SHS students.
- Developed a **user-friendly interface** for teachers to input and track student performance.
- Developed **automated calculation and reporting** of grades to reduce manual errors.
- Developed a **data management system** to store and retrieve student records efficiently.

### IVET - Industry Visit Educational Tour Blog Website

- Developed a **responsive blog platform** for Industry Visit Educational Tour (IVET), inspired by modern crypto web designs.
- Developed **clean and interactive frontend interfaces** with polished UI/UX.
- Developed **component-based architecture** for easy scalability and maintainability.
- Developed **interactive features** to engage users and showcase content effectively.

### PokeWeb – Pokedex Battle Simulation

- Developed **PokeWeb**, an online Pokédex and Pokémon battle simulation platform.
- Developed **interactive battle mechanics** with AI opponents and team management.
- Developed **searchable and dynamic Pokédex** using API data.
- Developed **responsive UI with clean component-based design** for smooth user experience.

## Education

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**Bachelor of Science in Information Technology**  
Western Mindanao State University

2025

## Skills

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**Language / Frameworks:** ReactJs, JavaScript, Html5, Css3, TailwindCss, Styled-Components, Vite

**Development tools / Other tools:** VSCode, Figma, Canva, npm

**Version Control / Deployment:** Git, GitHub, GitHub Pages, Vercel, Netlify

## Certifications

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**Responsive Web Design**  
*freeCodeCamp, April 2025*

**Learn CSS**  
*LinkedIn, April 2025*

**Advance HTML**  
*LinkedIn, April 2025*

**ReactJS for Beginners**  
*simplilearn, April 2025*

**JavaScript for Beginners**  
*simplilearn, April 2025*

**Introduction to CSS**  
*simplilearn, April 2025*

**Introduction to HTML**  
*simplilearn, April 2025*

**Tailwind CSS 4**  
*LinkedIn, April 2025*