

ADRIANE LORENZ RACAZA

Frontend Developer | Web Developer

Mandaue City, Cebu, Philippines | (+63) 905 236 2928 | adrianeracaza23@gmail.com

portfolio-z1-seven.vercel.app | linkedin.com/in/adrianeracaza23

SUMMARY

Frontend-focused Web Developer and BSIT graduate (Cum Laude) with hands-on experience building responsive, component-based interfaces in React and JavaScript across IoT, enrollment, and enterprise platform projects. Owns the full UI layer end to end: layout, styling, cross-device responsiveness, and live-data rendering, validated across multiple screen sizes. Comfortable working from design requirements to shipped interface, with a growing command of backend integration through Firebase and SQL-based systems. Seeking to bring fast, detail-driven frontend execution to a product or engineering team.

TECHNICAL SKILLS

Frontend Framework & Libraries: React.js, JavaScript, HTML5, CSS3, Tailwind CSS, Bootstrap

Backend Framework & Languages: ASP.NET Core MVC, Java, Kotlin, Python, PHP, C++, C#, SQL

Data & APIs: Firebase Realtime Database, MongoDB, MySQL, Microsoft SQL Server, REST APIs

Tools & Platforms: Git, GitHub, Google Cloud Platform, Arduino

TECHNICAL PROJECTS

ReForest — IoT-Based Soil Analysis & Tree Recommendation System

2025–2026

Capstone Project — Frontend / Mobile Application Developer

- Engineered the entire user-facing application from the ground up, rendering live soil moisture, temperature, and pH readings through a real-time Firebase Realtime Database sync — no manual refresh required.
- Owned UI/UX and CSS layout end to end, validating responsiveness across multiple screen sizes and devices to deliver a consistent, field-ready experience on both phone and desktop.
- Architected the tree-species recommendation interface and coordinated with teammates on Arduino (C++) sensor integration and the ML model, keeping the frontend data contract aligned end to end.

Student Enrollment System

2024–2025

- Engineered a full CRUD web application on ASP.NET Core MVC with Microsoft SQL Server, streamlining enrollment record-keeping and course data management.
- Designed and built responsive MVC interfaces tested with classmates as end users, reducing the manual steps required to process a single enrollment record.
- Structured MVC architecture components for maintainability, separating presentation logic from data access to simplify future feature additions.

EXPERIENCE

Rococo Global Technologies Co. — ServiceNow Jumpstart Program

2024–2025

- Completed an intensive, structured training program building a Task Management System on the ServiceNow platform, applying enterprise frontend and workflow patterns under the Personal Development Interface.
- Engineered server-side (Business Rules, Script Includes) and client-side (Client Scripts, UI Policies) scripting to simulate workflow automation and sharpen interface responsiveness within application modules.
- Configured UI Policies and platform controls to enforce business rules, directly improving form usability and user experience across modules.

EDUCATION

University of Cebu – Banilad Campus

Cebu City, Philippines

Bachelor of Science in Information Technology — **Cum Laude**

June 2026

- Dean's Lister, 1st–4th Year — GWA: 1.6/1.2 scale
- Capstone Project: ReForest — An IoT-Based Soil Analysis and Tree Recommendation System

CERTIFICATIONS

Cisco Networking Academy — University of Cebu, Banilad Campus

CCNA: Switching, Routing, and Wireless Essentials

May 2025

CCNAv7: Introduction to Networks

Jan 2024

AI Ready ASEAN — ASEAN Foundation & Google.org

AI Learning Modules Certificate (12 hours)

Oct 2025